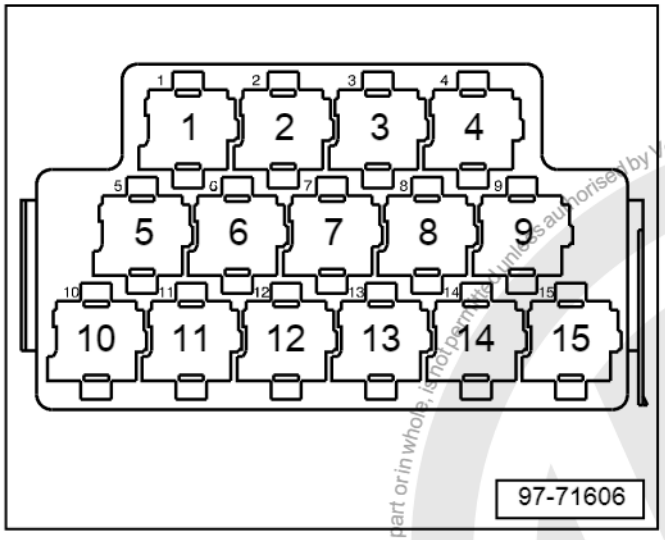
1,6 l - Motronic/ 74kW, engine code BJA

From october 2003

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations section"

Relay locations on relay plate:

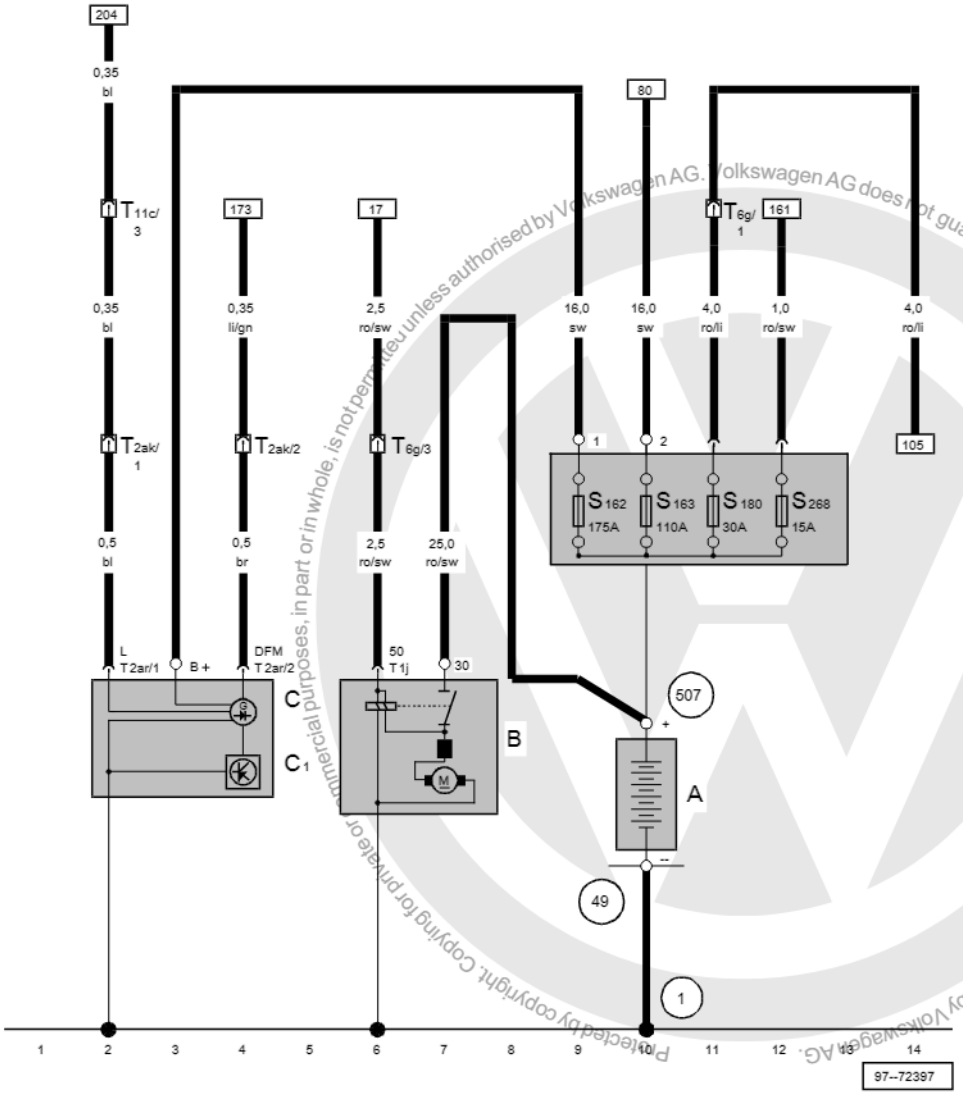


R1 - Fresh air blower and radiator fan relay
R3 - Fuel pump relay
R11 - Radiator fan 2nd speed relay
R12 - X contact relief relay
R15 - Cold start device relay

Note:

- *The number in brackets behind the part designation deNr.es the control number on the housing.*

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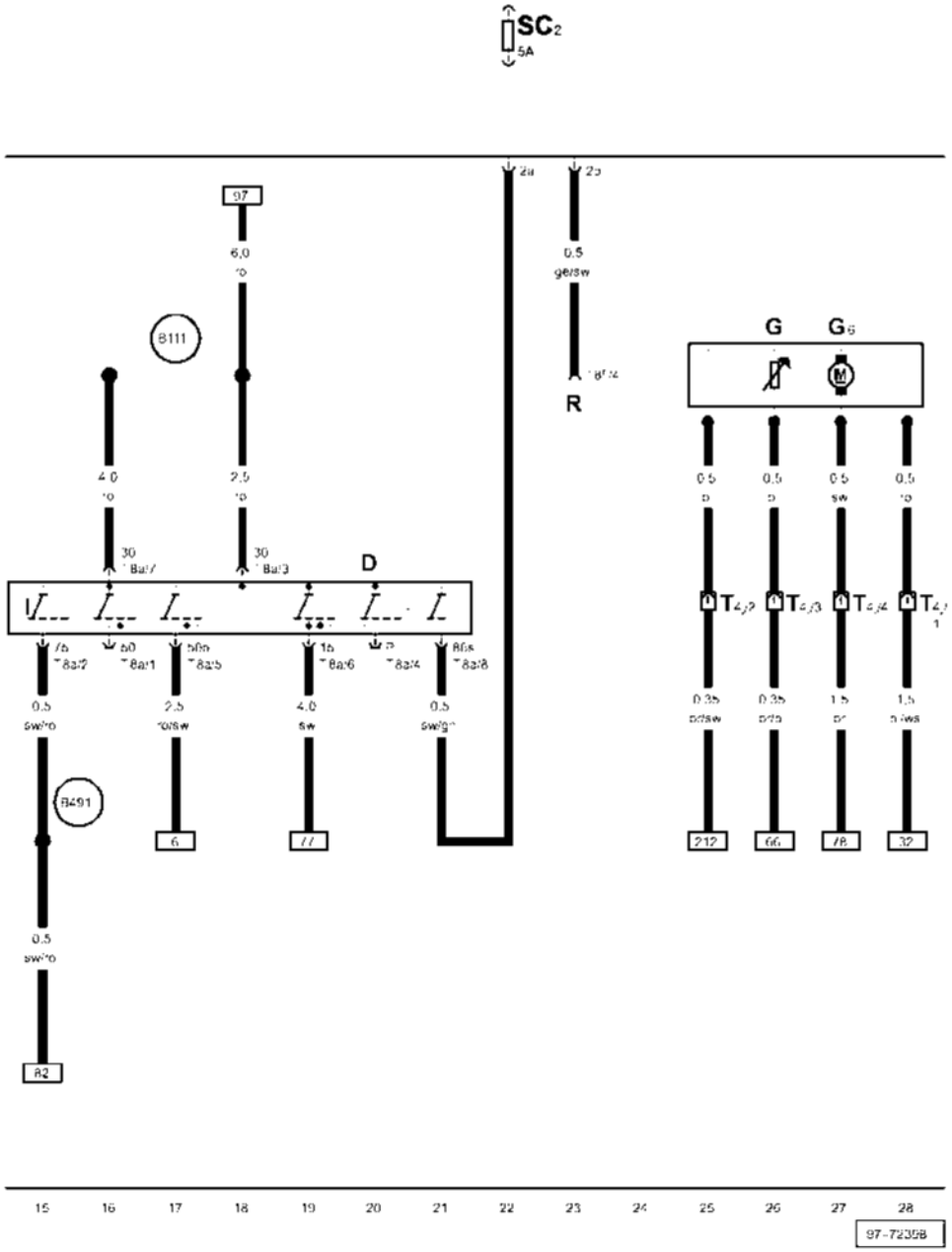
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse -1- (30), in fuse holder on battery
S163	Fuse -2- (30), in fuse holder on battery
S180	Fuse -8- (30), in fuse holder on battery
S268	Fuse -10- (30), in fuse holder on battery
T1j	Single connector, on starter
T2ak	2-pin connector, in engine compartment, front
T2ar	2-pin connector, on alternator
T6g	6-pin connector, (grey) in engine compartment, left
T11c	11-pin connector, (green) in engine compartment, left
(1)	Earth strap, battery body
(49)	Earth point, near battery
(507)	Screw connection (30), on battery fuse holder

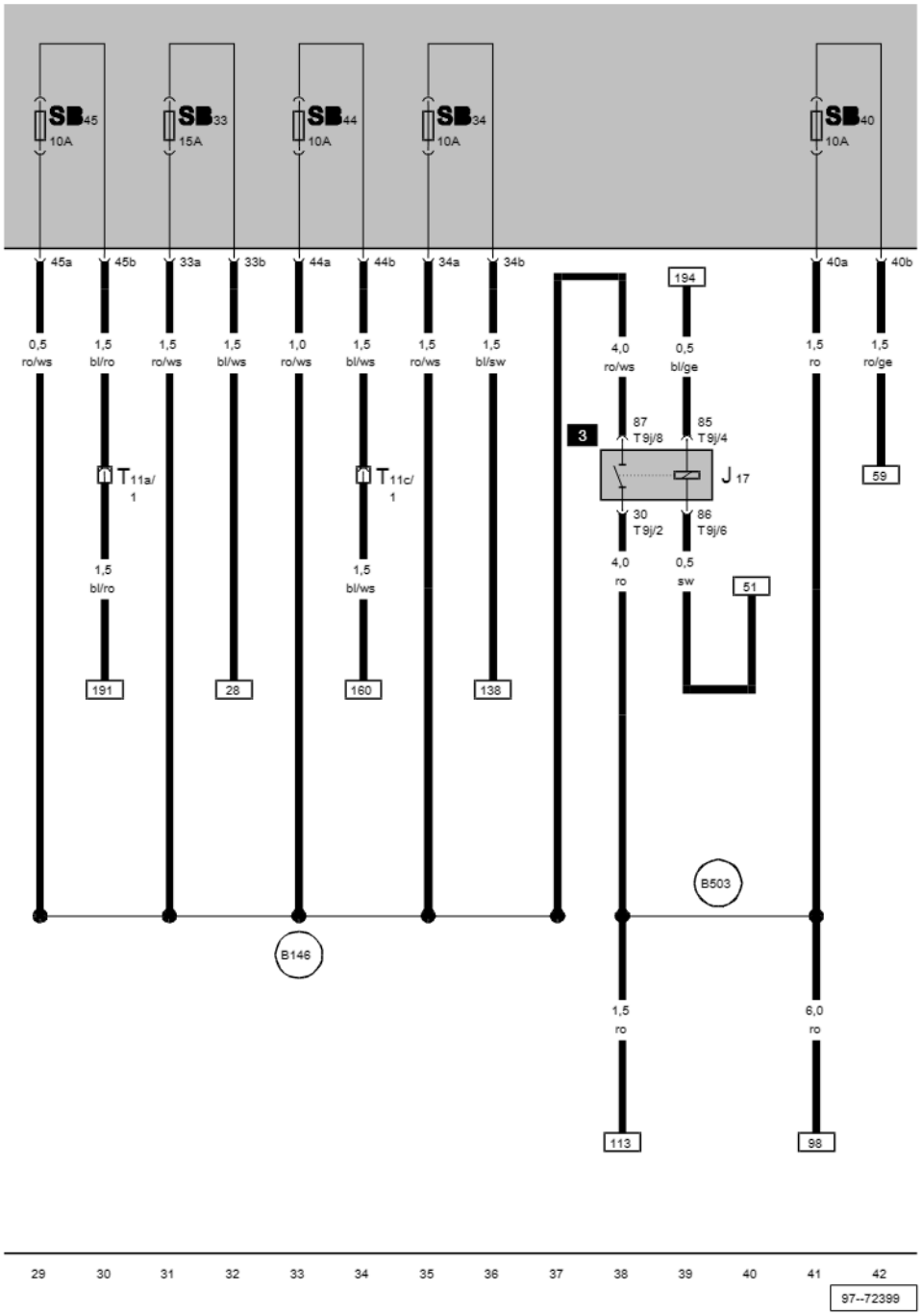
Ignition/starter switch, Fuel gauge sender, Fuel pump (pre-supply pump)

D	Ignition/starter switch
G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
R	Radio
SC2	Fuse -2- on fuse holder
T4j	4-pin connector, under rear right seat
T8a	8-pin connector, on ignition/starter switch
T8f	8-pin connector, on radio
B111	Positive connection -1- (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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Fuel pump relay

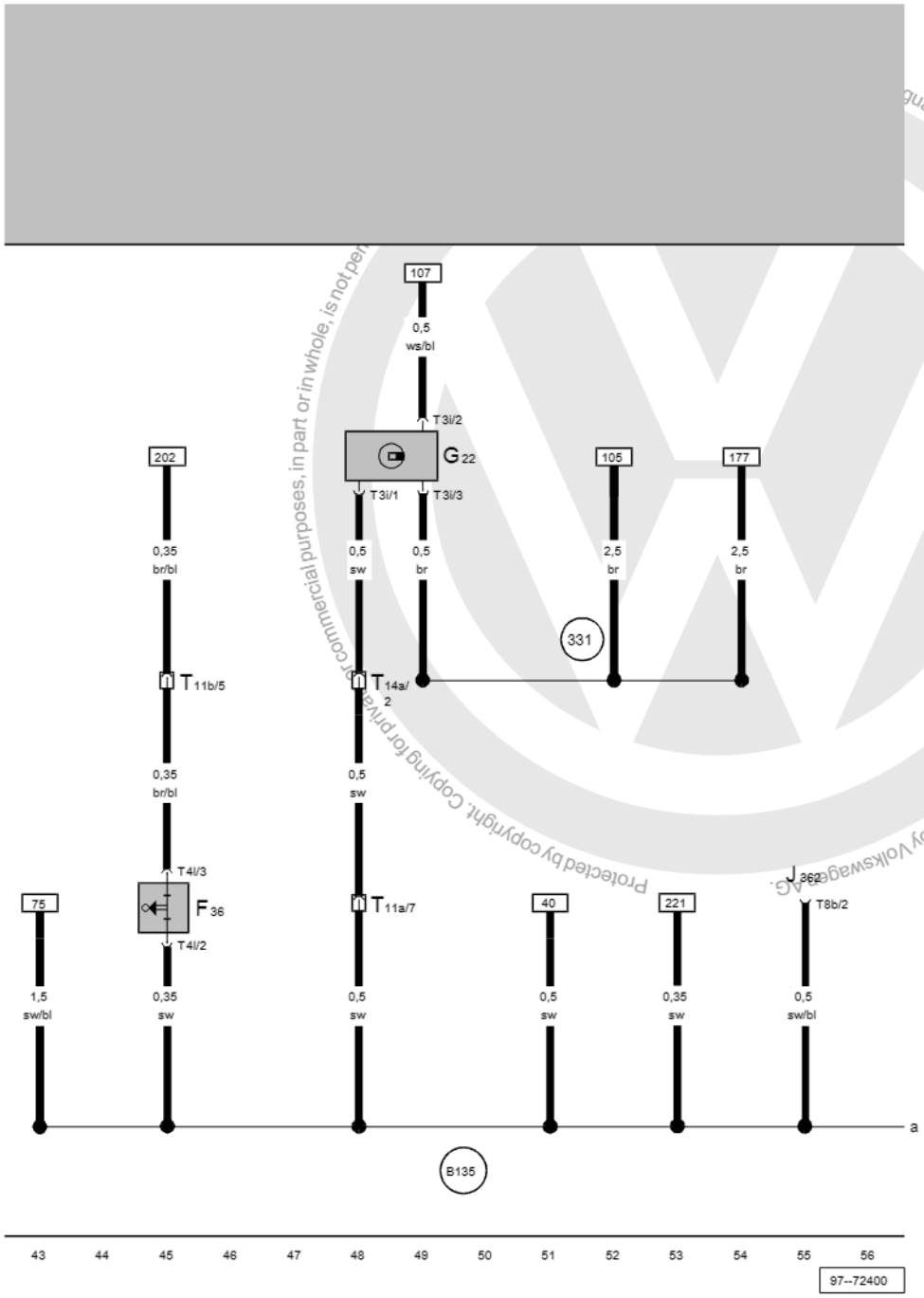
J17	Fuel pump relay
SB33	Fuse -33- on fuse holder
SB34	Fuse -34- on fuse holder
SB40	Fuse -40- on fuse holder
SB44	Fuse -44- on fuse holder
SB45	Fuse -45- on fuse holder
T9j	9-pin connector, on fuel pump relay
T11a	11-pin connector, (red) in engine compartment, left
T11c	11-pin connector, (green) in engine compartment, left
B146	Positive connection -1- (87), in interior wiring harness
B503	Positive connection -7- (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
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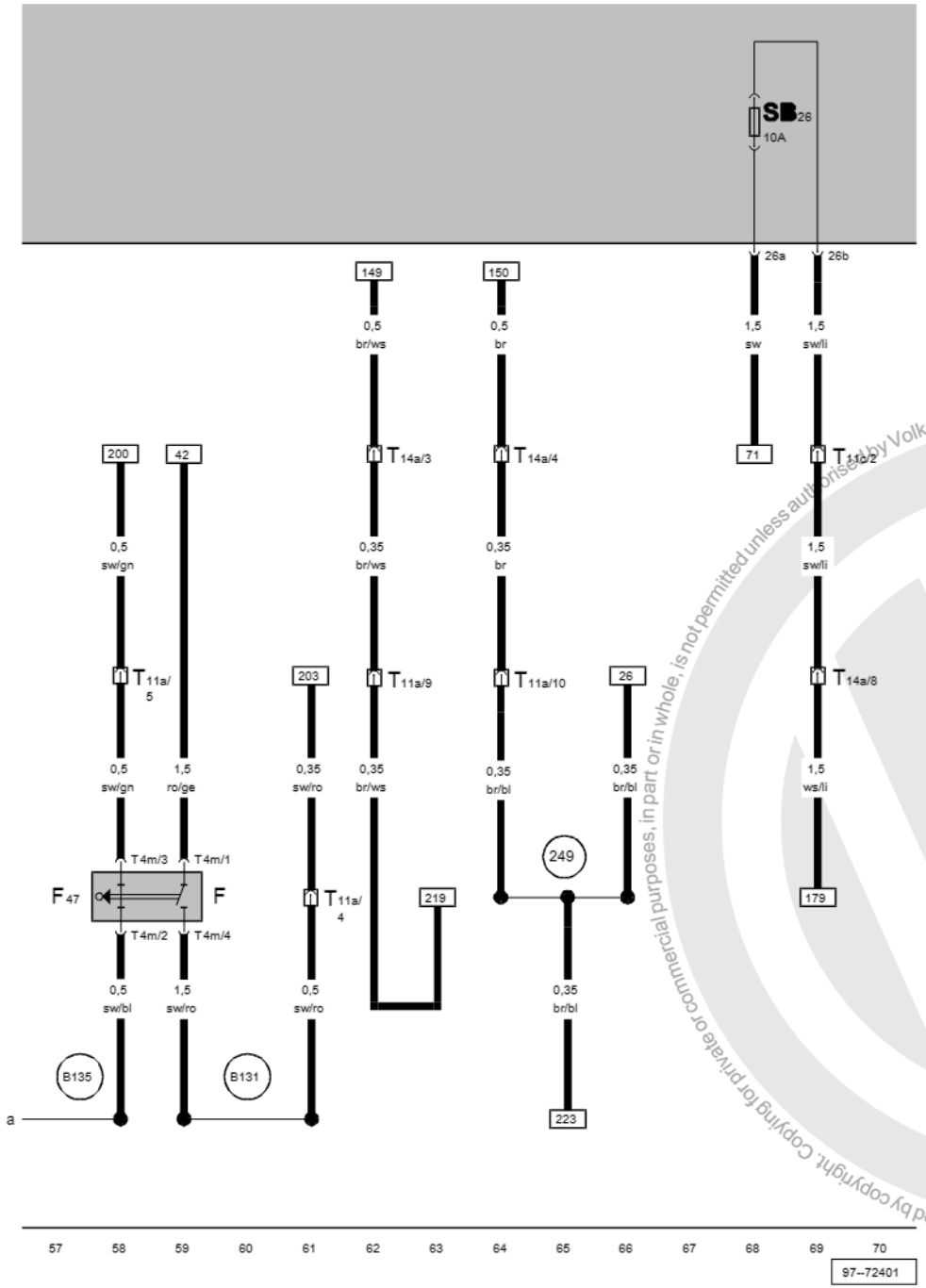
Clutch pedal switch, Speedometer sender (hall sender on gearbox)

F36	Clutch pedal switch
G22	Speedometer sender (hall sender on gearbox)
J362	Immobilizer control unit
T3i	3-pin connector, on speedometer sender (Hall sender)
T4l	4-pin connector, on clutch pedal switch
T8b	8-pin connector, on immobilizer control unit
T11a	11-pin connector, (red) in engine compartment, left
T11b	11-pin connector, (blue) in engine compartment, left
T14a	14-pin connector, in engine compartment, left
331	Earth connection, in injection system wiring harness
B135	Connection -1- (15a), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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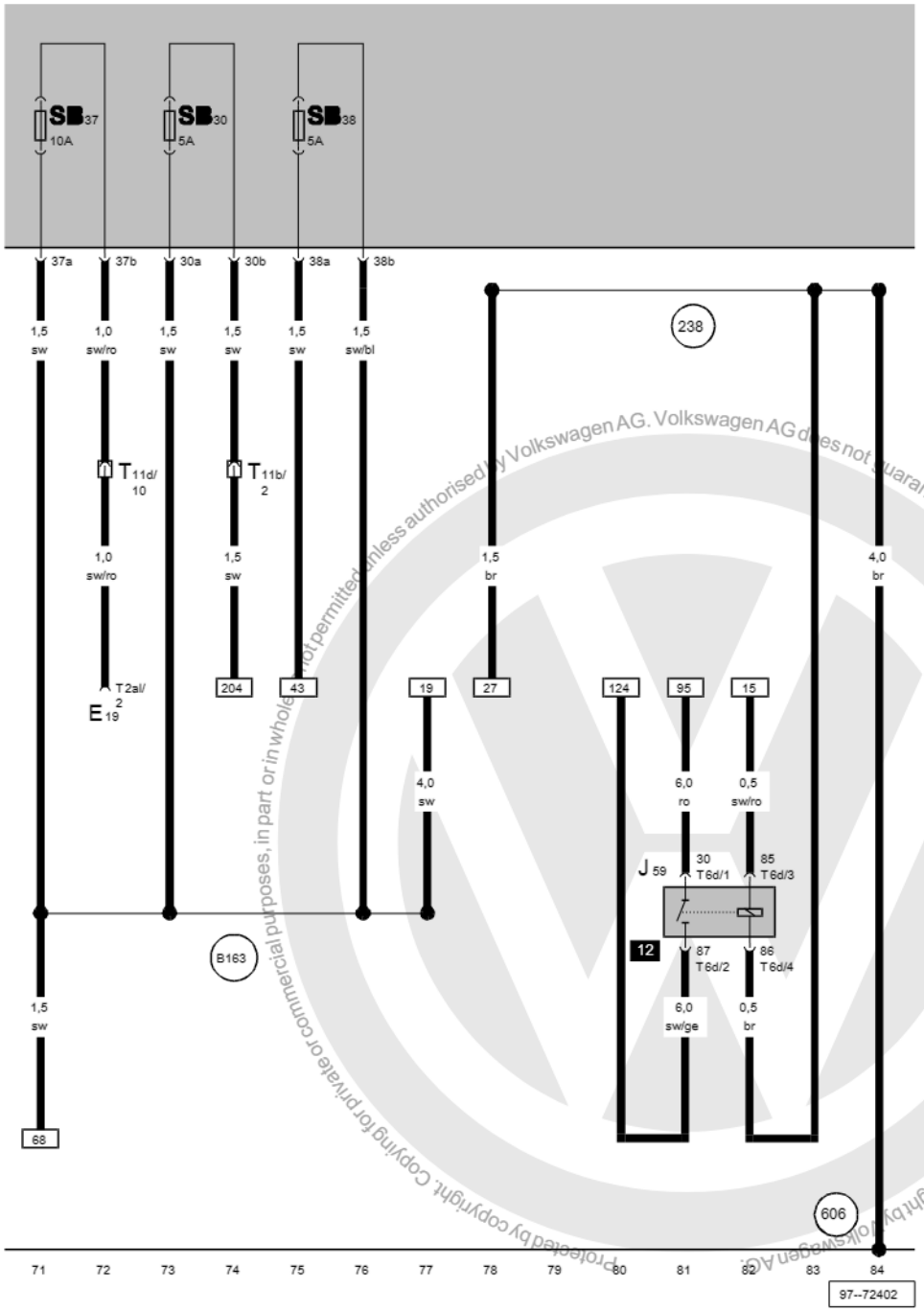


Cruise control system/diesel direct injection system brake pedal switch

F47	Cruise control system/diesel direct injection system brake pedal switch
SB26	Fuse -26- on fuse holder
T4m	4-pin connector, on brake light switch
T11a	11-pin connector, (red) in engine compartment, left
T11c	1-pin connector, (green) in engine compartment, left
T14a	14-pin connector, in engine compartment, left
249	Earth connection -2-, in interior wiring harness
B131	Connection (54), in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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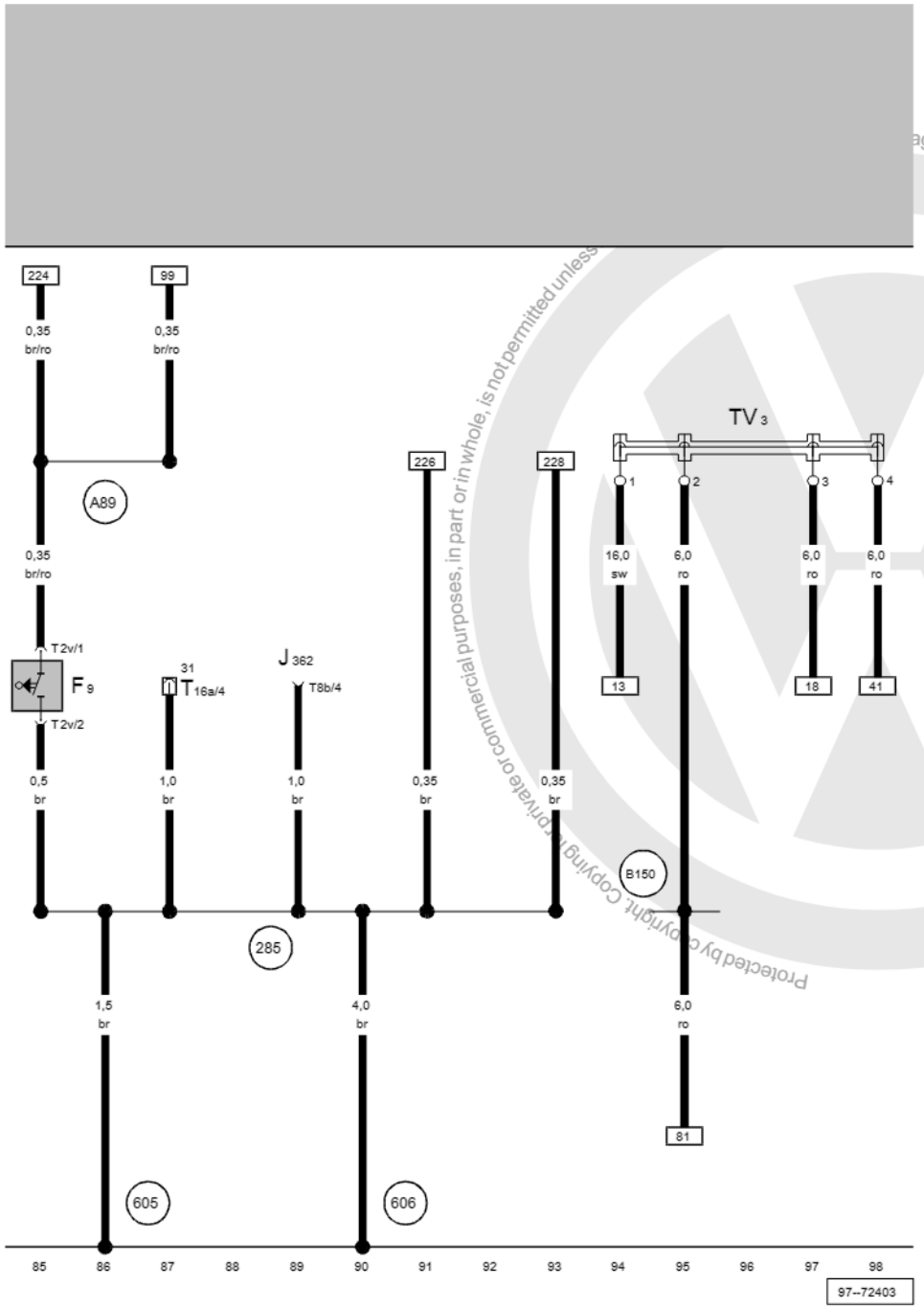


X contact relief relay

E19	Parking light switch
J59	X contact relief relay
SB30	Fuse -30- on fuse holder
SB37	Fuse -37- on fuse holder
SB38	Fuse -38- on fuse holder
T2al	2-pin connector, on parking light switch
T6d	6-pin connector, on x contact relief relay
T11b	11-pin connector, (blue) in engine compartment, left
T11d	11-pin connector, (brown) in engine compartment, left
238	Earth connection -1-, in interior wiring harness
606	Earth point, under the centre console near gear stick
B163	Positive connection -1- (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Handbrake warning switch, Immobilizer control unit, Terminal 30a wiring junction

F9	Handbrake warning switch
J362	Immobilizer control unit
T2v	2-pin connector, on handbrake warning switch
T8b	8-pin connector, on immobilizer control unit
T16a	16-pin connector, on fuse holder
TV3	Terminal 30a wiring junction
285	Earth connection -7-, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near gear stick
A89	Connection 2 (54), in dash panel wiring harness
B150	Positive connection -2- (30a), in interior wiring harness

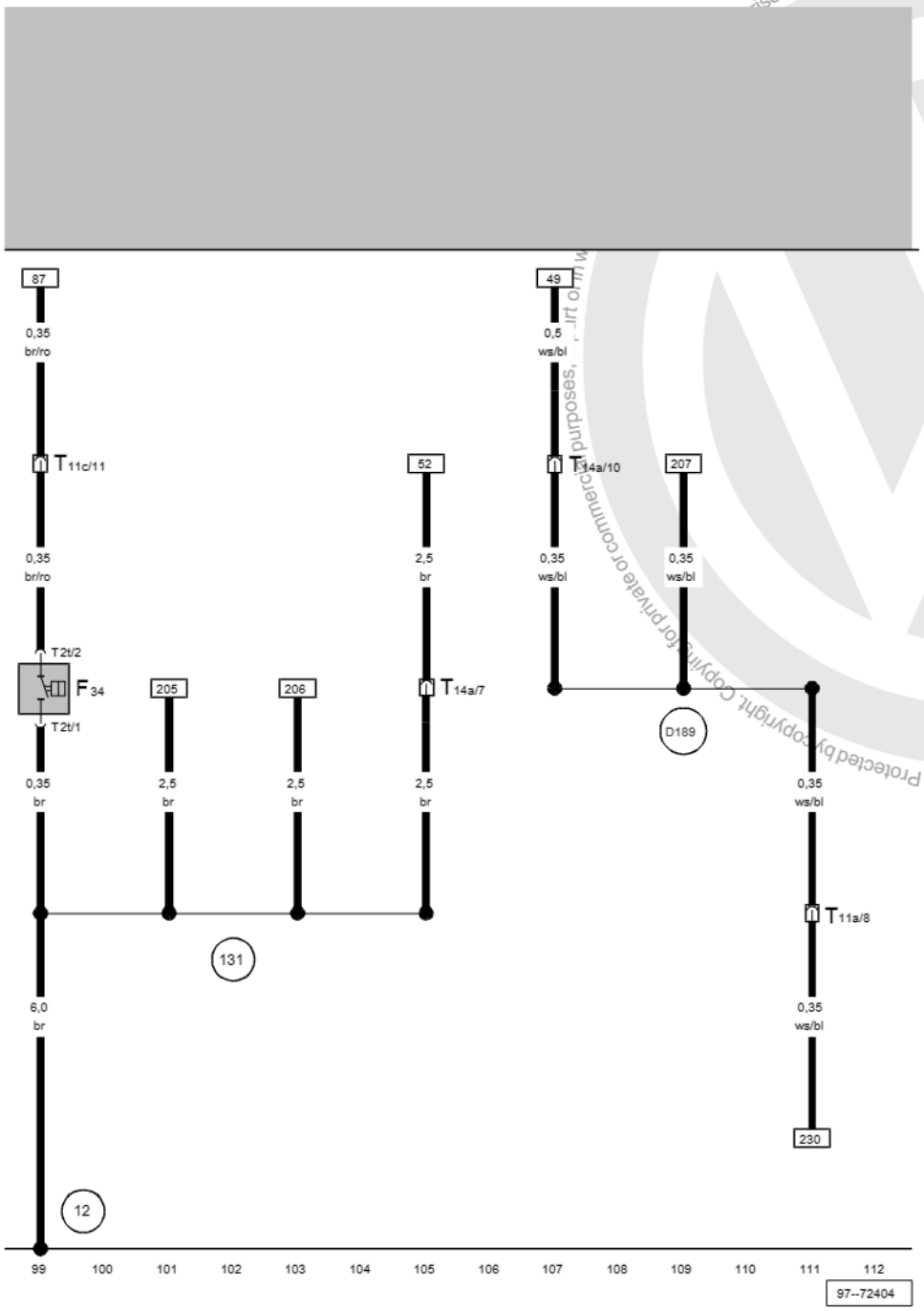
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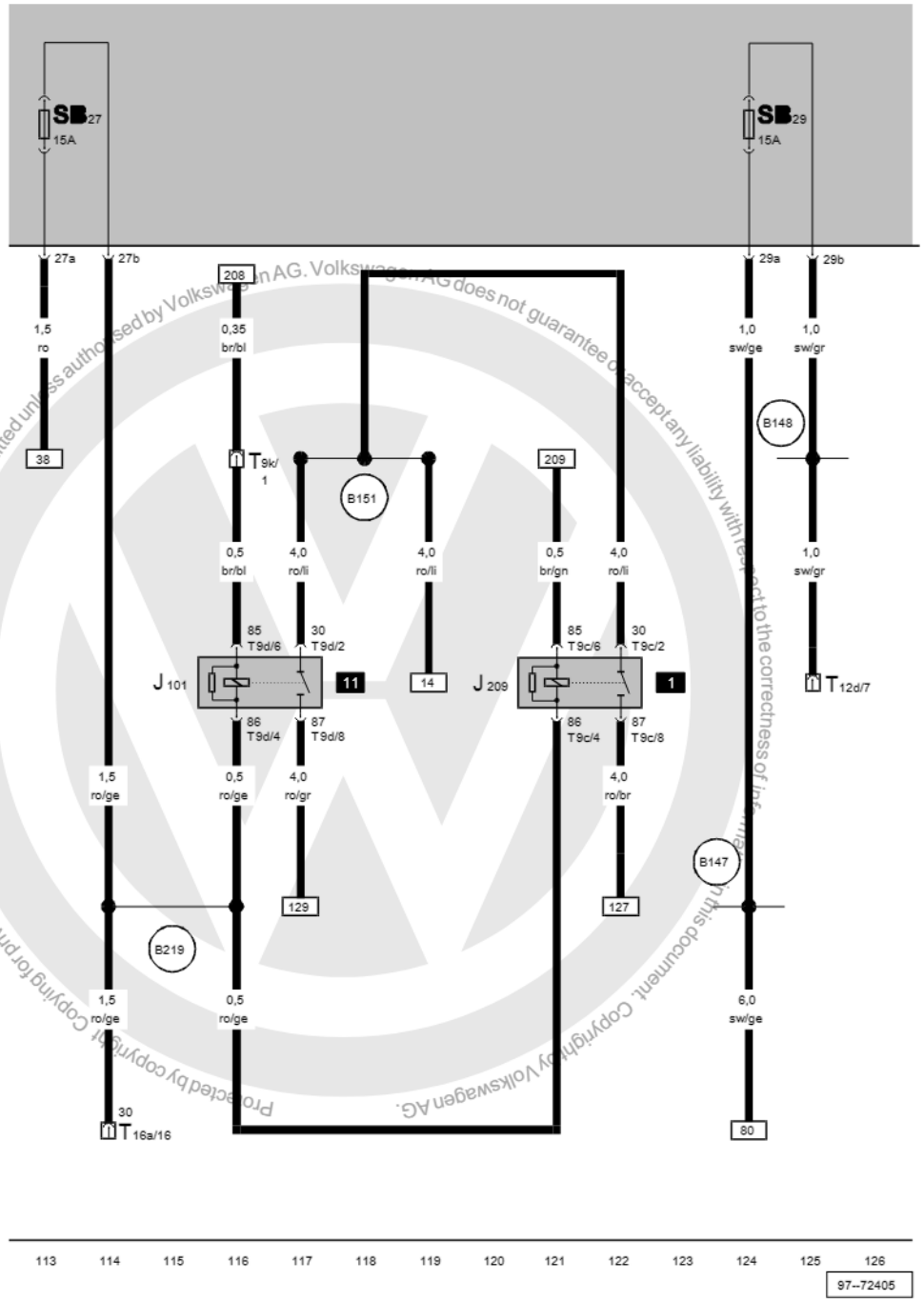
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Brake fluid level warning contact

F34	Brake fluid level warning contact
T2t	2-pin connector, on brake fluid level warning contact
T11a	11-pin connector, (red) in engine compartment, left
T11c	11-pin connector, (green) in engine compartment, left
T14a	14-pin connector, in engine compartment, left
12	Earth point, on left in engine compartment
131	Earth connection -2-, in engine compartment wiring harness
D189	Connection (speed sensor), in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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rs	=	pink



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Radiator fan 2nd speed relay, Fresh air blower and radiator fan relay

J101	Radiator fan 2nd speed relay
J209	Fresh air blower and radiator fan relay
SB27	Fusible -27- en portafusibles
SB29	Fusible -29- en portafusibles
T9c	9-pin connector, on fresh air blower and radiator fan
T9d	9-pin connector, on radiator fan 2nd speed relay
T9k	9-pin connector, (yellow) in engine compartment, left
T12d	12-pin connector, (white) in engine compartment, left
T16a	16-pin connector, on fuse holder
B147	Positive connection -2- (87), in interior wiring harness
B148	Positive connection -3- (87), in interior wiring harness
B151	Positive connection -3- (30a), in interior wiring harness
B219	Positive connection -4- (30a), in interior wiring harness

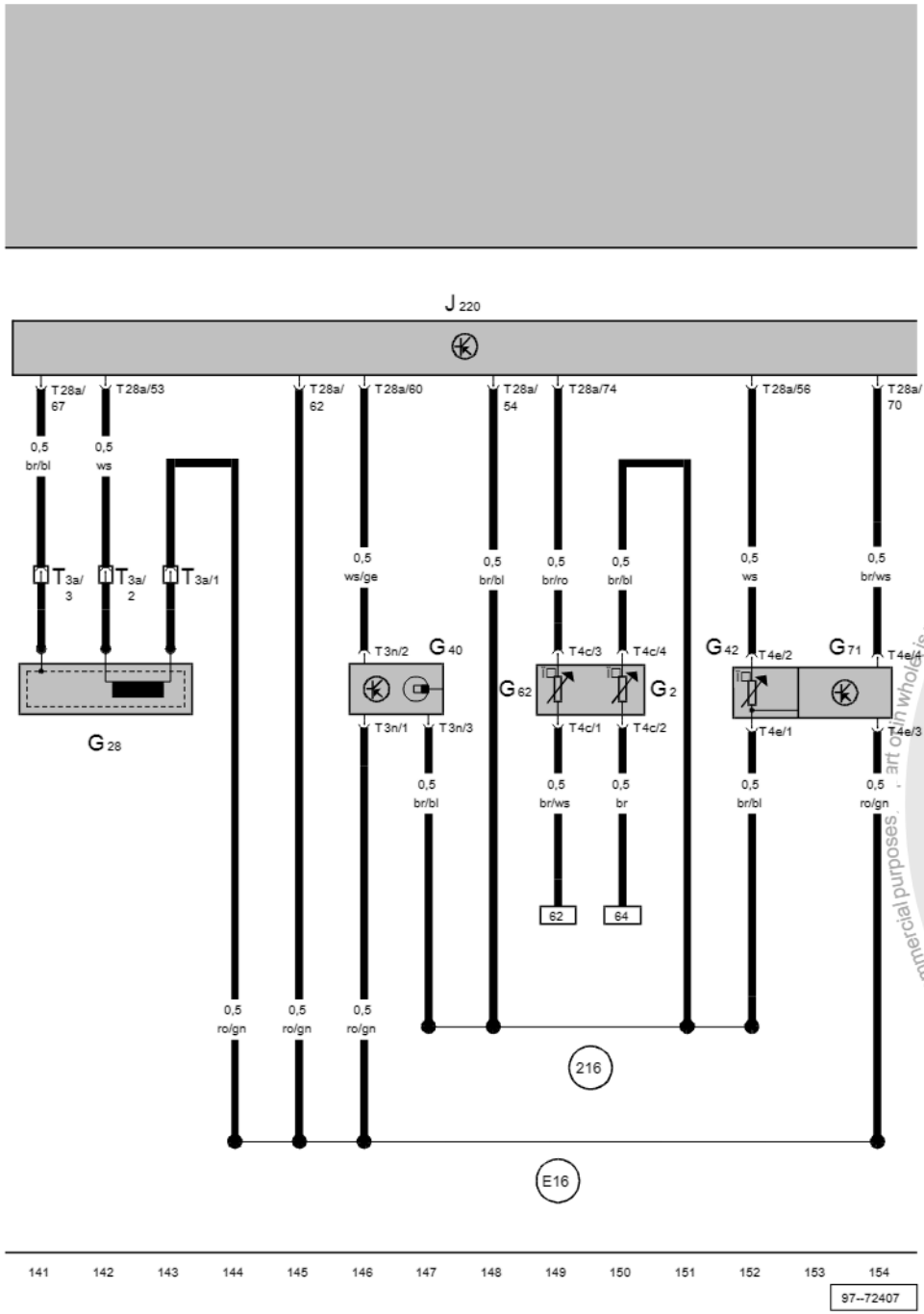
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Cold start device relay, Cold start valve, Activated charcoal filter system soleNr.d valve I (pulsed), Radiator fan, right, Fuel pump (cold start)

J41	Cold start device relay
N17	Cold start valve
N80	Activated charcoal filter system soleNr.d valve I (pulsed)
T2ac	2-pin connector, on cold start valve
T2ae	2-pin connector, on activated charcoal filter system soleNr.d valve I (pulsed)
T2ag	2-pin connector, on fuel pump (cold start)
T3m	3-pin connector, in engine compartment, front left
T6g	6-pin connector, (grey) in engine compartment, left
T9e	9-pin connector, on cold start device relay
T11a	11-pin connector, (red) in engine compartment, left
T12d	12-pin connector, (white) in engine compartment, left
V35	Radiator fan, right
V263	Fuel pump (cold start)
12	Earth point, on left in engine compartment
85	Earth connection -1-, in engine compartment wiring harness
671	Earth point -1-, on front of left longitudinal member
B231	Positive connection -5- (30a), in interior wiring harness
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
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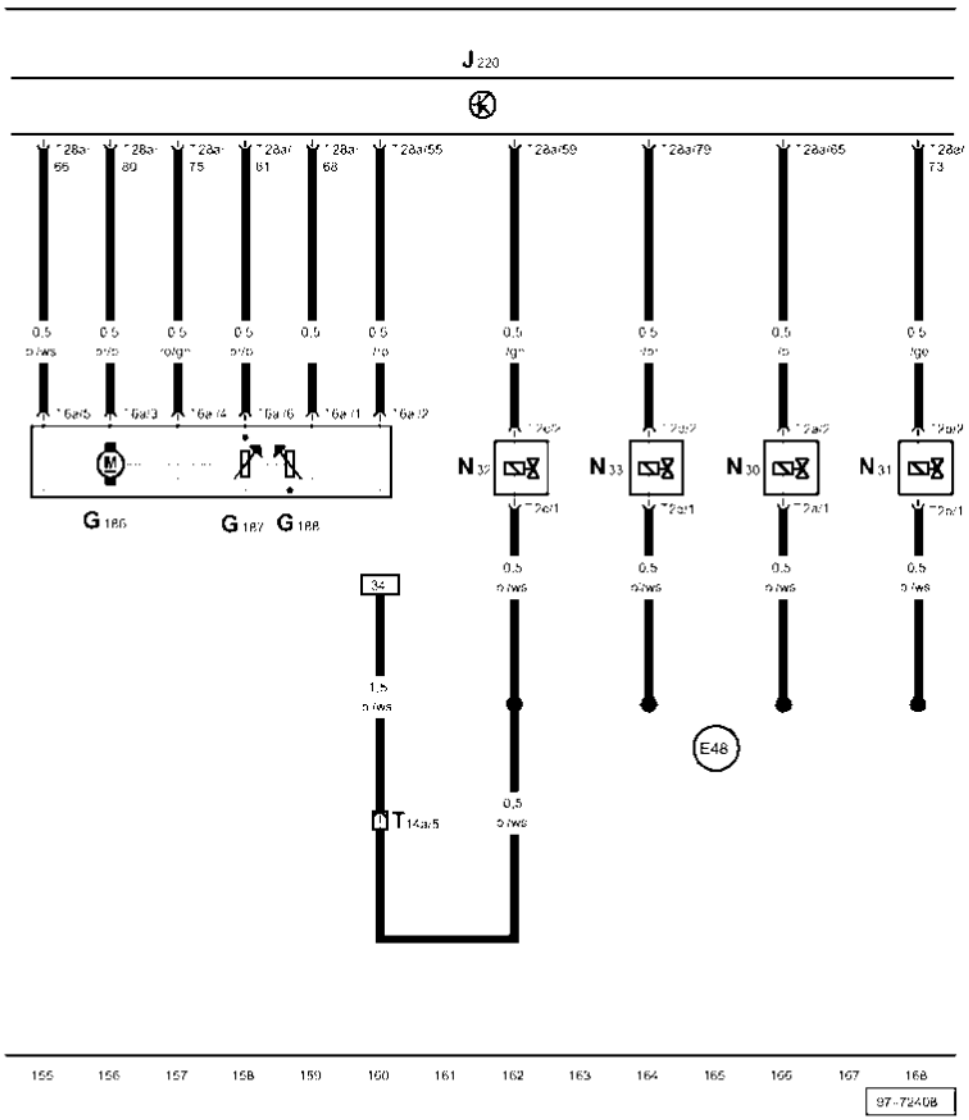


Coolant temperature sender, Engine speed sender, Hall sender, Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender

G2	Coolant temperature sender
G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G71	Intake manifold pressure sender
J220	Motronic control unit
T3a	3-pin connector, in engine compartment, right
T3n	3-pin connector, on hall sender
T4c	4-pin connector, on coolant temperature sender
T4e	4-pin connector, on intake air temperature sender
T28a	28-pin connector, on motronic control unit
216	Earth connection -2-, in Motronic wiring harness
E16	Positive connection (5 volts), in Motronic wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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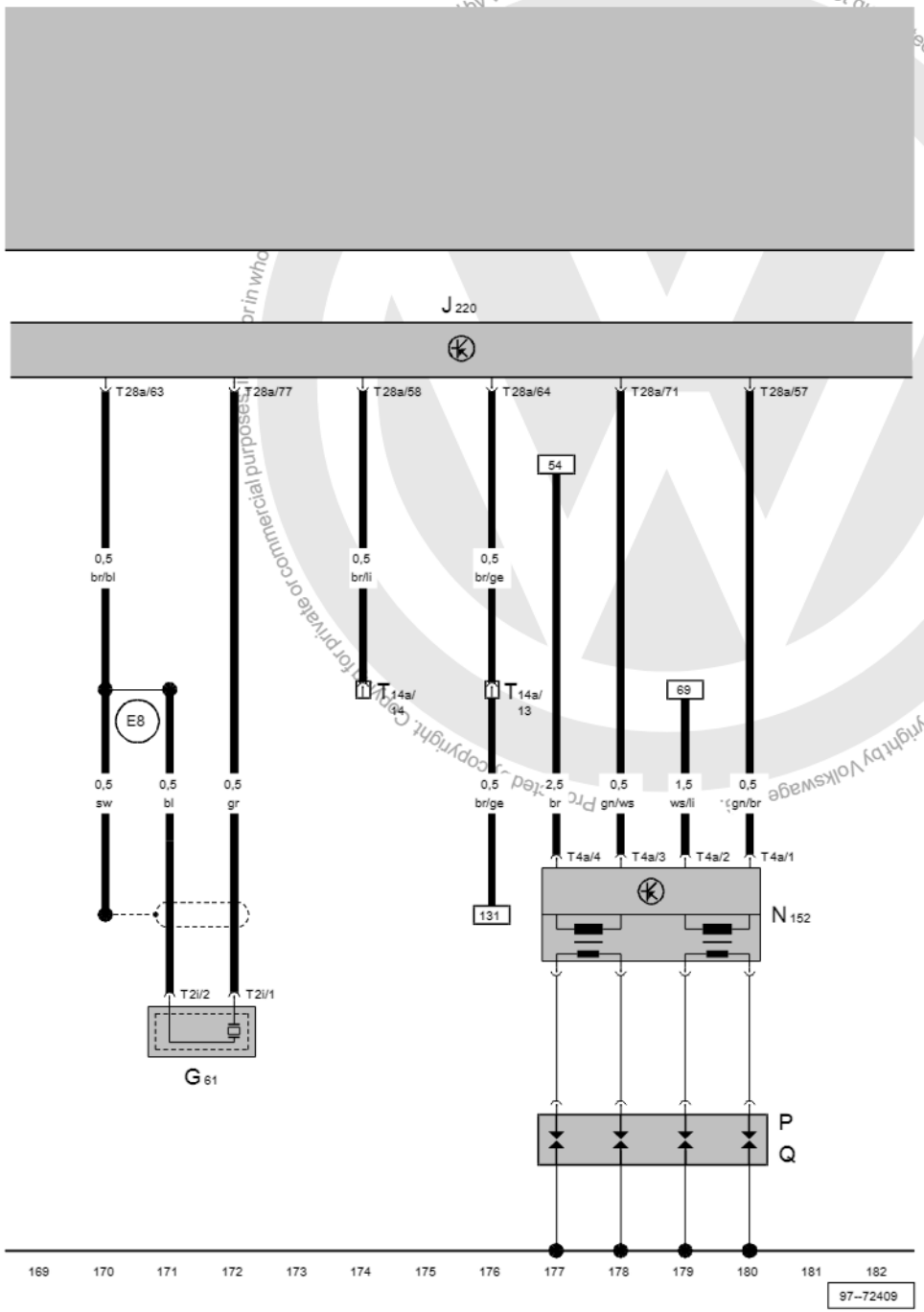
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Throttle valve drive, Throttle valve drive angle sender -1- (electric power control), Throttle valve drive angle sender -2- (electric power control), Injector, cylinder 1 Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G186	Throttle valve drive (electric power control)
G187	Throttle valve drive angle sender -1- (electric power control)
G188	Throttle valve drive angle sender -2- (electric power control)
J220	Motronic control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2a	2-pin connector, on injector, cylinder 1
T2b	2-pin connector, on injector, cylinder 2
T2c	2-pin connector, on injector, cylinder 3
T2d	2-pin connector, on injector, cylinder 4
T6a	6-pin connector, on throttle valve drive (electric power control)
T14a	14-pin connector, in engine compartment, left
T28a	28-pin connector, on motronic control unit
E48	Connection (injectors), in injection system wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

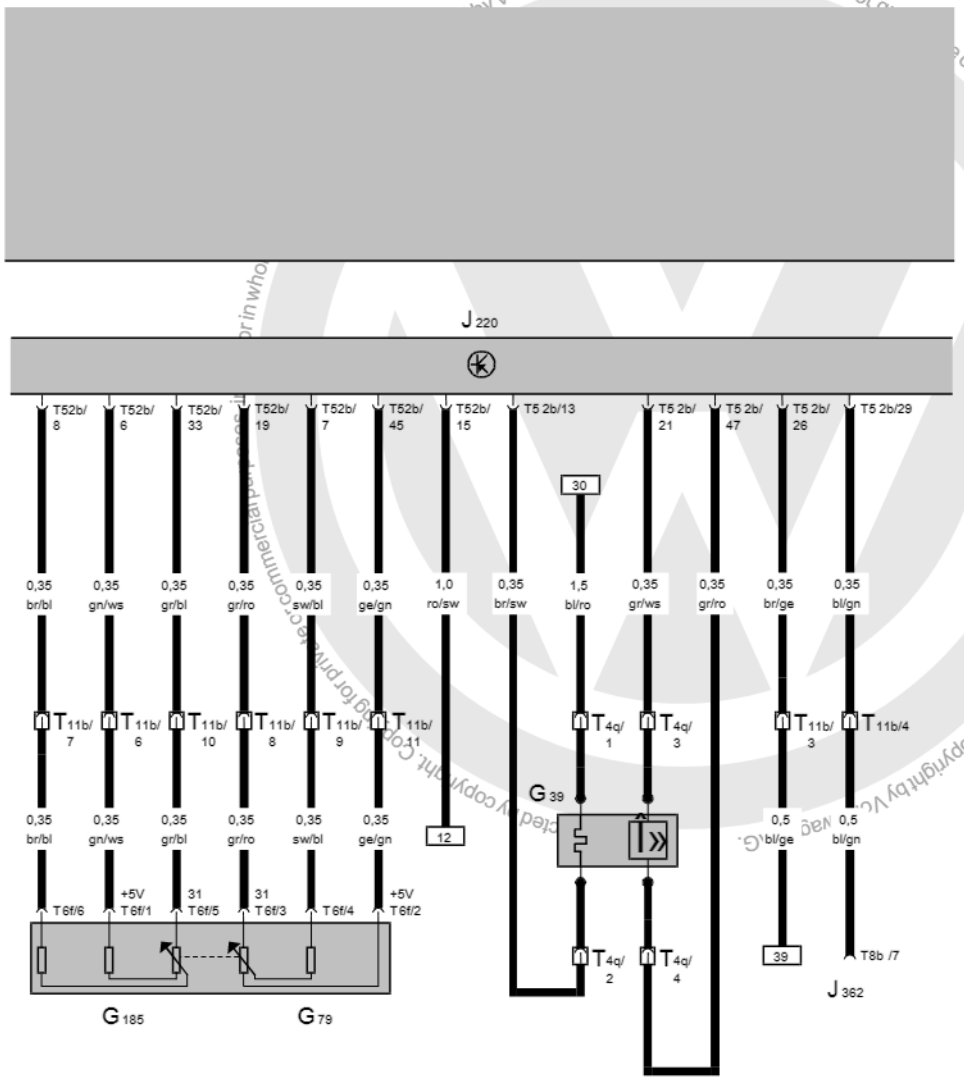


Speedometer, Ignition transformer, Spark plug connector, Spark plug

G61	Speedometer
J220	Motronic control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plug
T2i	2-pin connector, on kNr.k sensor I
T4a	4-pin connector, on ignition transformer
T14a	14-pin connector, in engine compartment, left
T28a	28-pin connector, on motronic control unit
E8	Connection (screening), in Motronic wiring harness

ws	=	white
sw	=	black
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rt	=	red
br	=	brown
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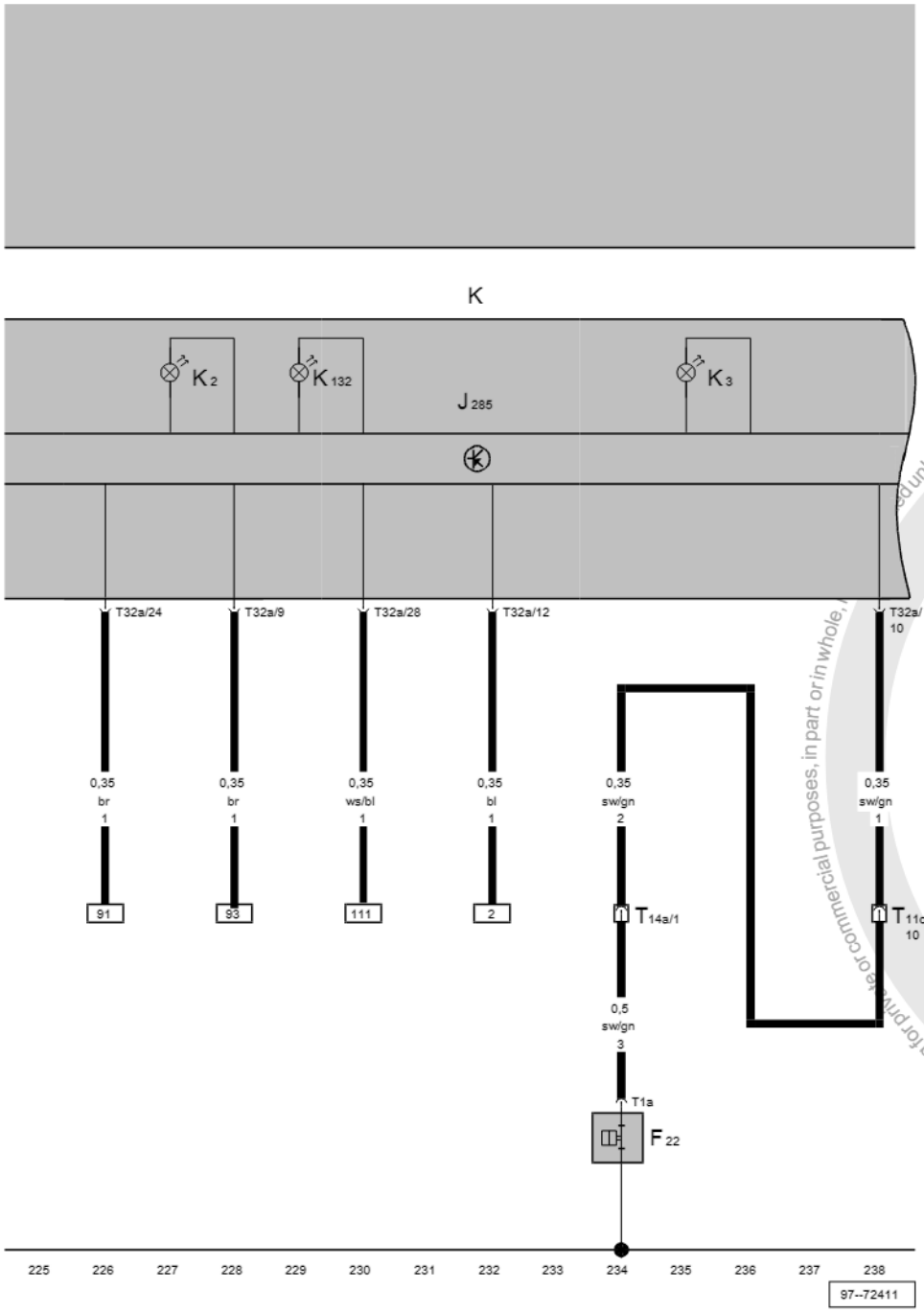
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Lambda probe, Accelerator pedal position sender, Accelerator pedal position sender -2-, Immobilizer control unit

G39	Lambda probe
G79	Accelerator pedal position sender
G185	Accelerator pedal position sender -2-
J220	Motronic control unit
J362	Immobilizer control unit
T4q	4-pin connector, in engine compartment, front
T6f	6-pin connector, on accelerator pedal position sender
T8b	8-pin connector, on immobilizer control unit
T11b	11-pin connector, (blue) in engine compartment, left
T52b	52-pin connector, on motronic control unit

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Motronic control unit

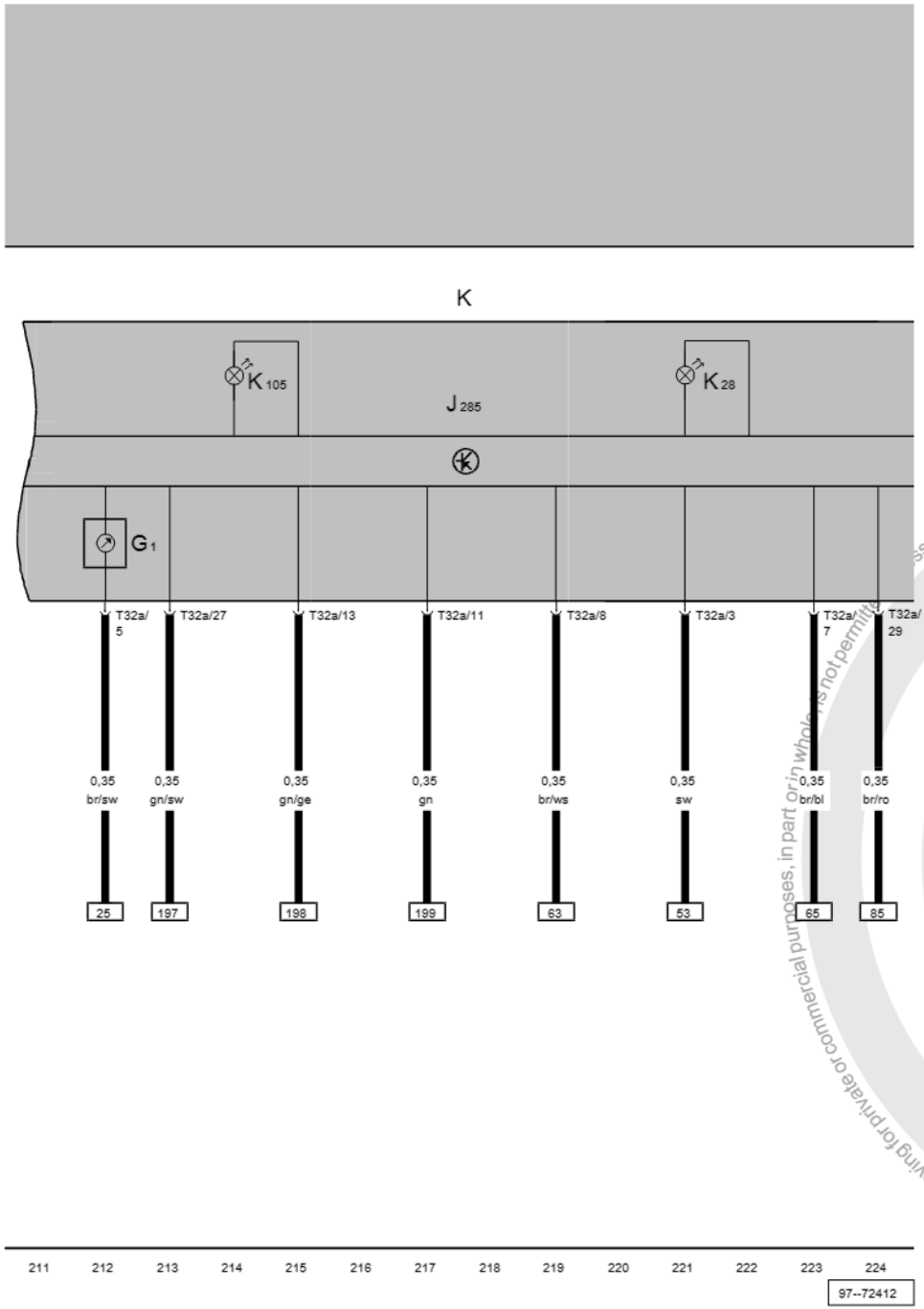
J220	Motronic control unit
T9k	9-pin connector, (yellow) in engine compartment, left
T11a	11-pin connector, (red) in engine compartment, left
T11d	11-pin connector, (brown) in engine compartment, left
T52b	52-pin connector, on motronic control unit

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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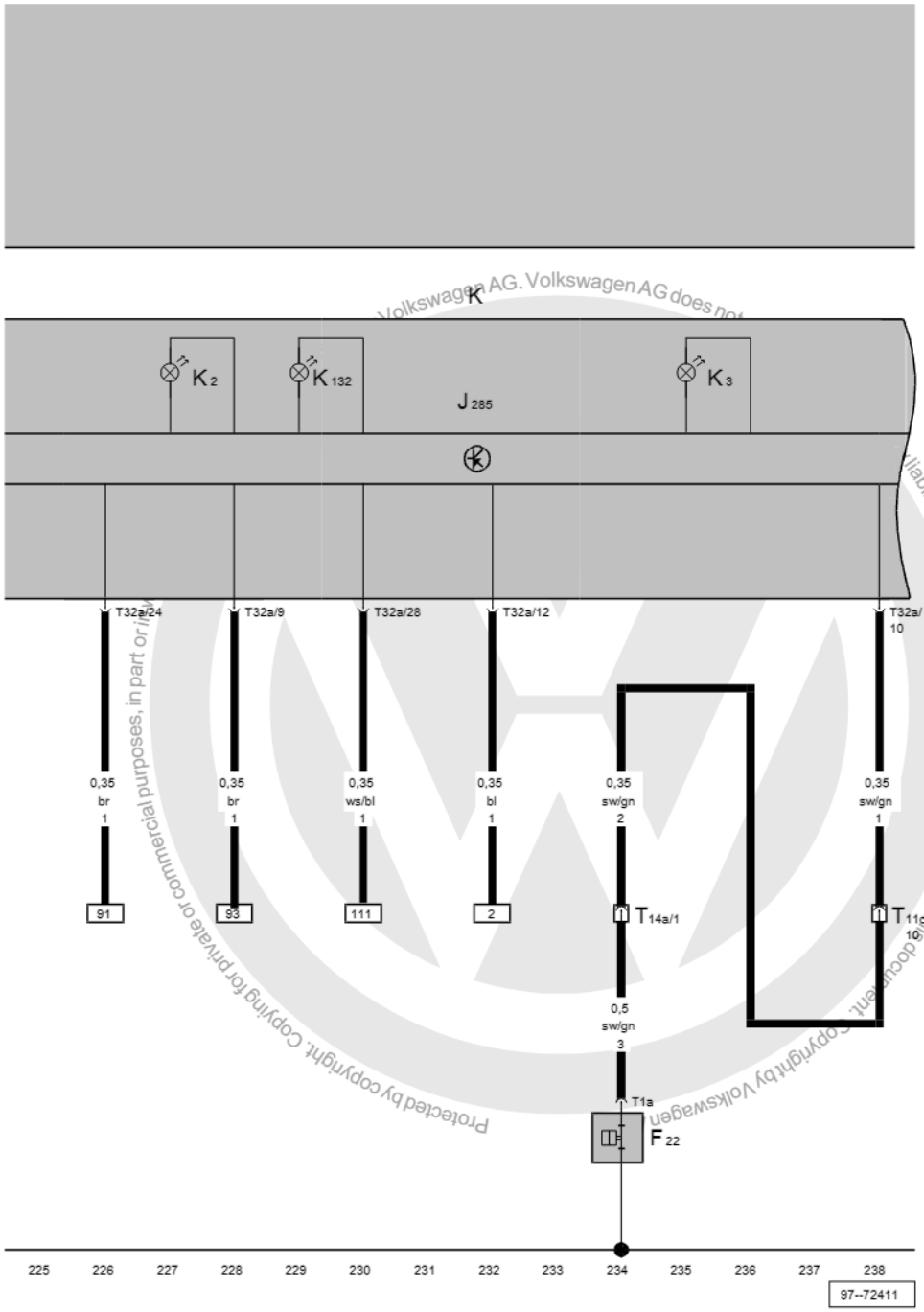
Fuel gauge, Dash panel insert, Coolant temperature/coolant shortage warning lamp, Reserve fuel warning lamp

G1	Fuel gauge
J285	Control unit with display in dash panel insert
K	Dash panel insert
K28	Coolant temperature/coolant shortage warning lamp
K105	Reserve fuel warning lamp
T32a	32-pin connector, on dash panel insert



ws	=	white
sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li = purple
vi = purple
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rs = pink

Oil pressure switch (0.3 bar), Front passenger door open switch, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Electronic power control fault lamp

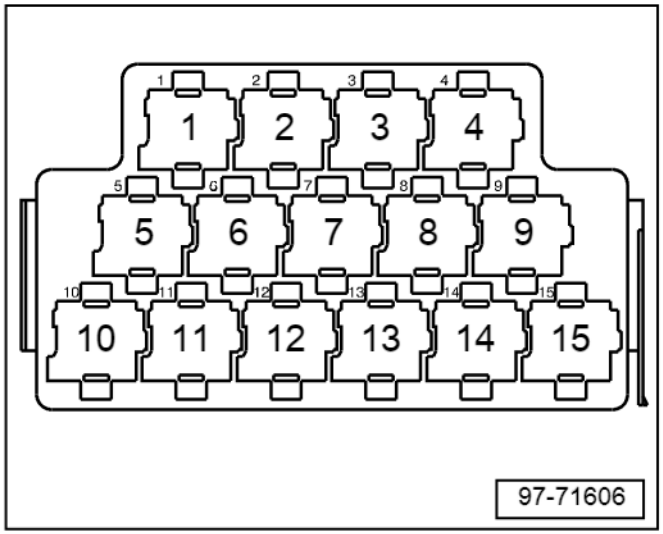
F22	Oil pressure switch (0.3 bar)
J285	Front passenger door open switch
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K132	Electronic power control fault lamp
T1a	Single connector, on oil pressure switch (0.3 bar)
T11c	11-pin connector, (green) in engine compartment, left
T14a	14-pin connector, in engine compartment, left
T32a	32-pin connector, on dash panel insert

1,0 l - 4BV/53 kW, engine code BJE

From september 2003

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations section"

Relay locations on relay plate:

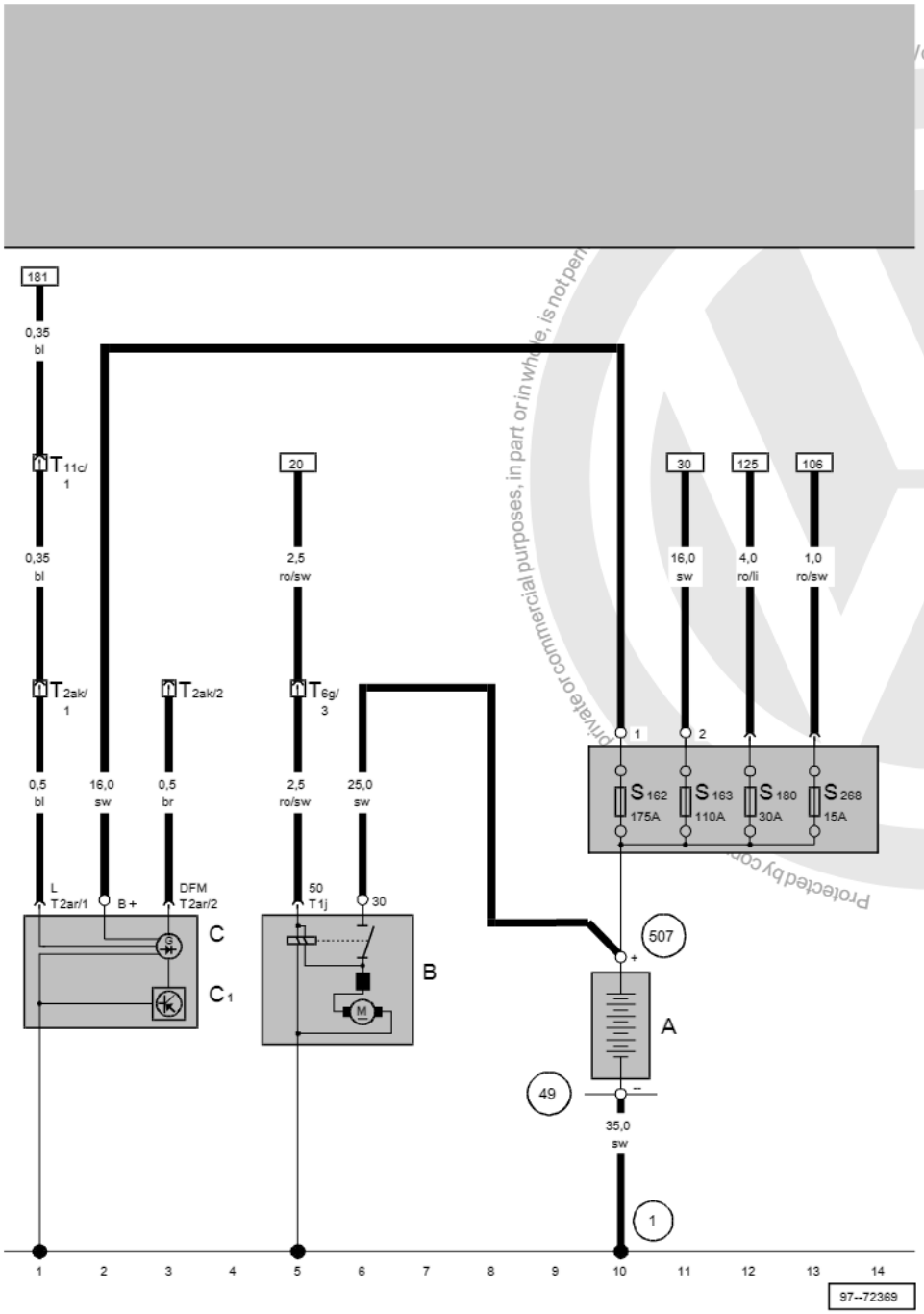


R1 - Fresh air blower and radiator fan relay
R3 - Fuel pump relay
R11 - Radiator fan 2nd speed relay
R15 - Cold start device relay

Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

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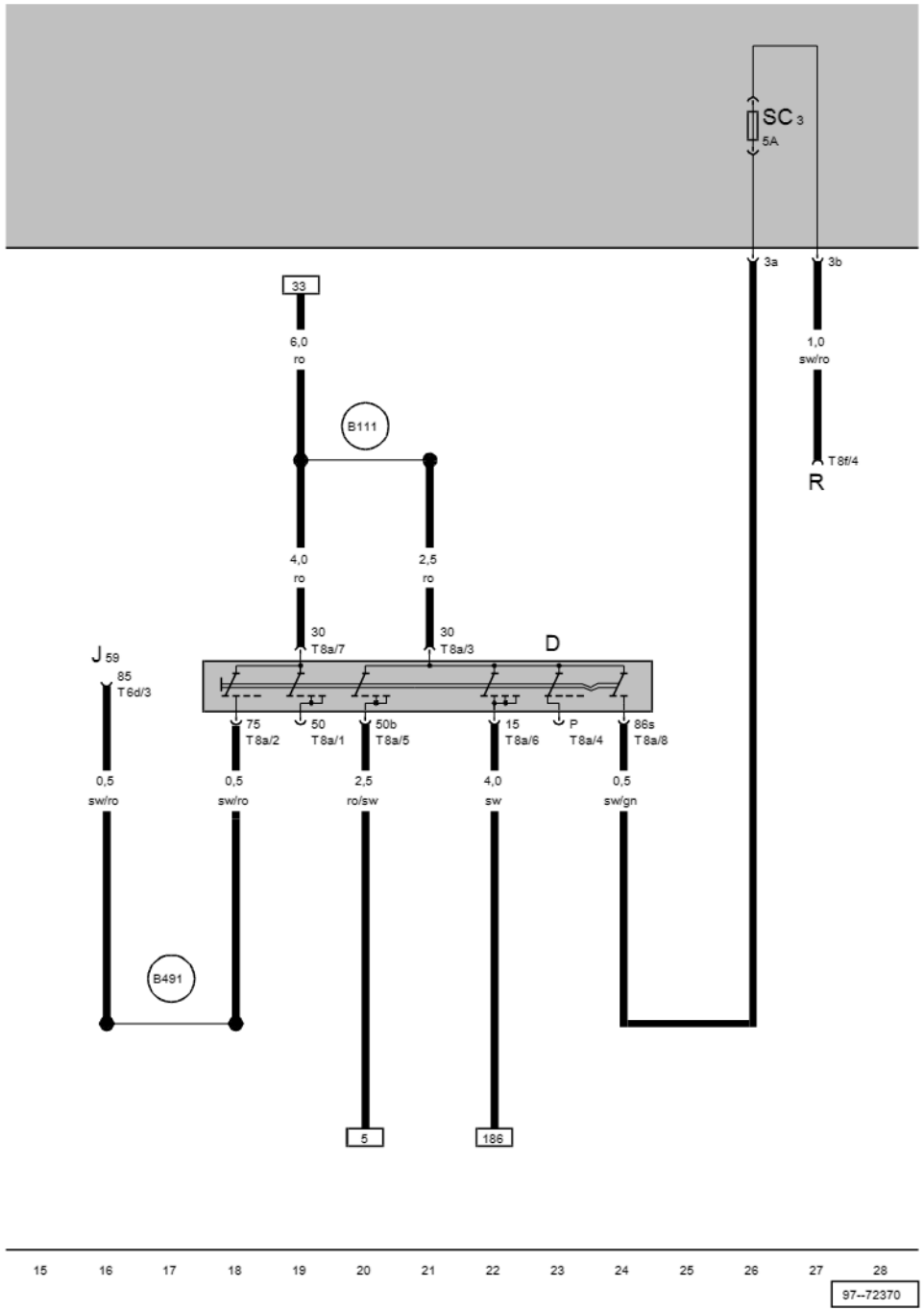


Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse -1- (30), in fuse holder on battery
S163	Fuse -2- (30), in fuse holder on battery
S180	Fuse -8- (30), in fuse holder on battery
S268	Fuse -10- (30), in fuse holder on battery
T1j	Single connector, on starter
T2ak	2-pin connector, in engine compartment, front
T2ar	2-pin connector, on alternator
T6g	6-pin connector, (grey) in engine compartment, left
T11c	11-pin connector, (green) in engine compartment, left
(1)	Earth strap, battery body
(49)	Earth point, near battery
(507)	Screw connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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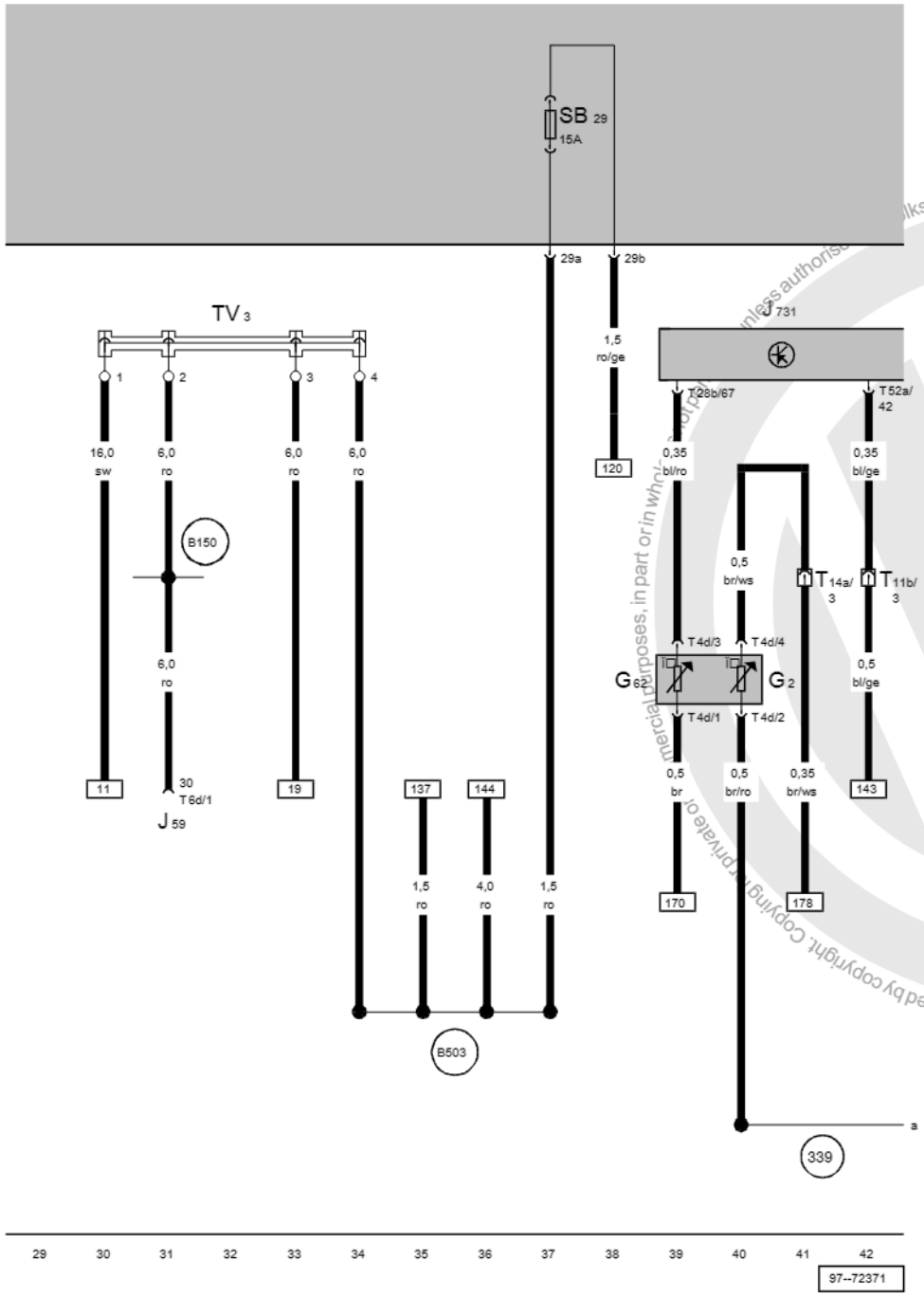


Ignition/starter switch

D	Ignition/starter switch
J59	X contact relief relay
R	Radio
SC2	Fuse -2- on fuse holder
T6d	6-pin connector, on x contact relief relay
T8a	8-pin connector, on ignition/starter switch
T8f	8-pin connector, on radio
B111	Positive connection -1- (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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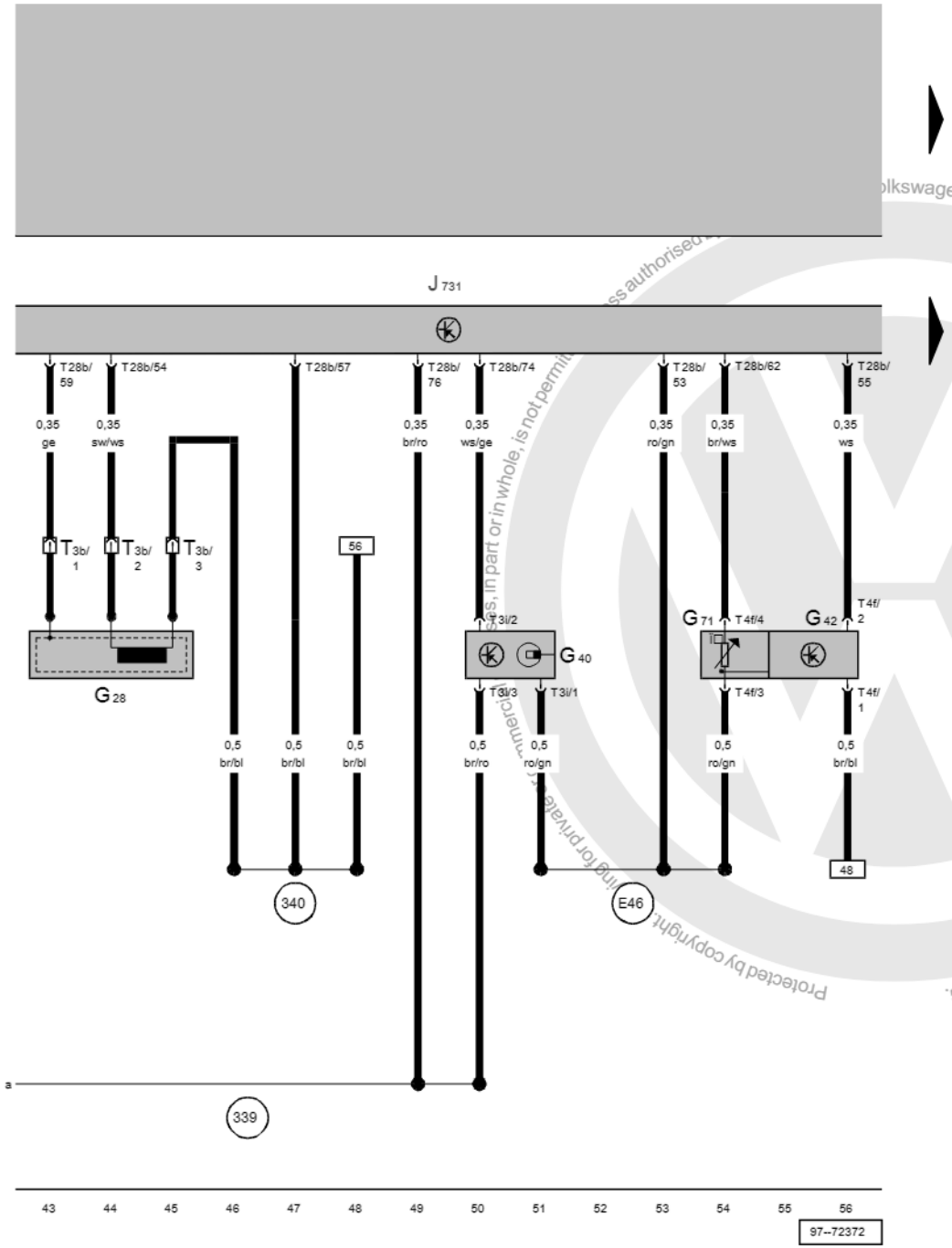


Coolant temperature sender, Coolant temperature sender, X contact relief relay, 4BV (injection system) control unit, Terminal 30a wiring junction

G2	Coolant temperature sender
G62	Coolant temperature sender
J59	X contact relief relay
J731	4BV (injection system) control unit
SB29	Fuse -29- on fuse holder
T4d	4-pin connector, on coolant temperature sender
T6d	6-pin connector, on x contact relief relay
T11b	11-pin connector, (blue) in engine compartment, left
T14a	14-pin connector, in engine compartment, left
T28b	28-pin connector, on motronic control unit
T52a	52-pin connector, on 4BV (injection system) control unit
TV3	Terminal 30a wiring junction
339	Earth connection (sender earth), in injection system wiring harness
B150	Positive connection -2- (30a), in interior wiring harness
B503	Positive connection -7- (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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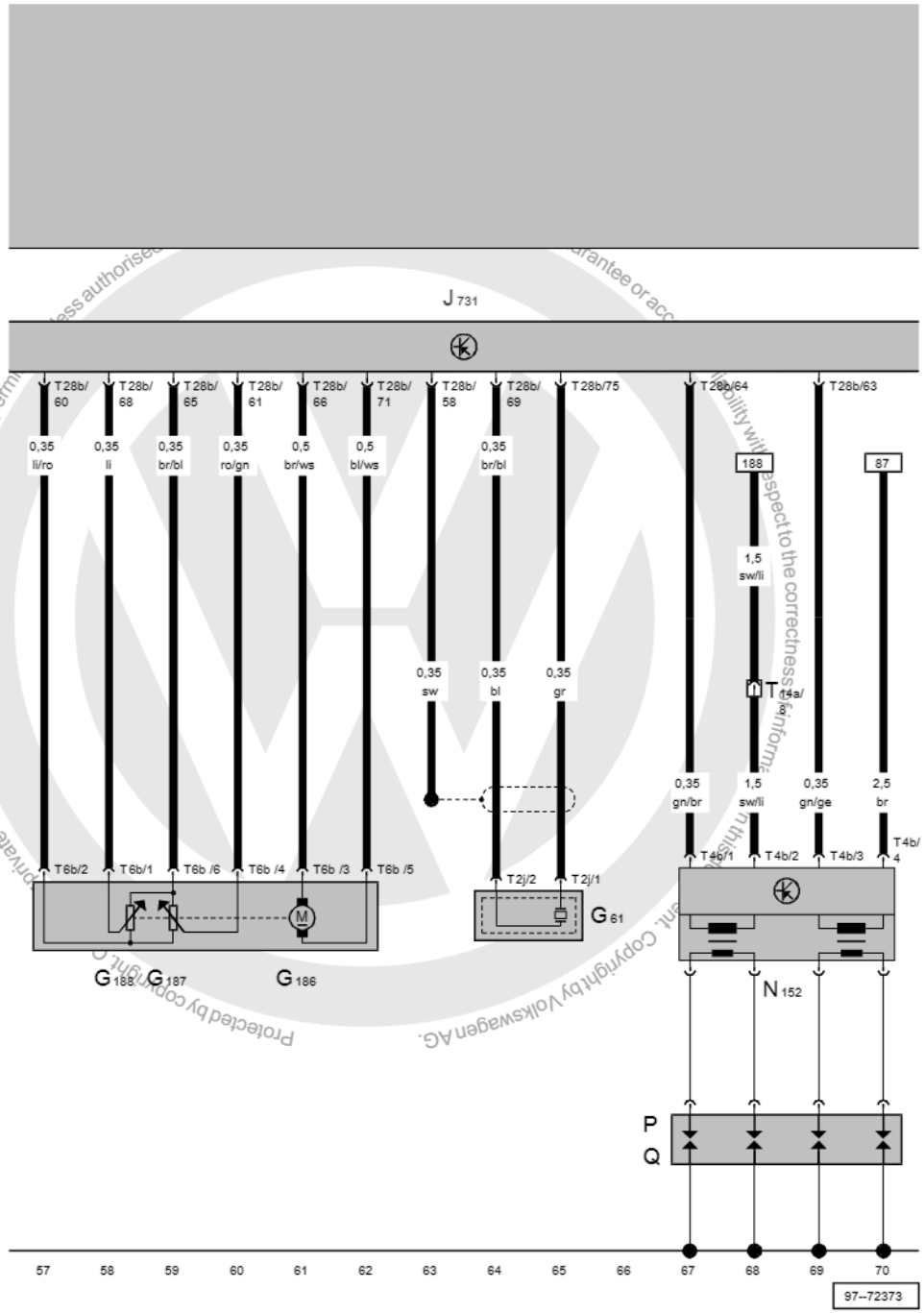


Engine speed sender, Hall sender, Intake air temperature sender, Intake manifold pressure sender, 4BV (injection system) control unit

G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
J731	4BV (injection system) control unit
T3b	3-pin connector, in engine compartment, right
T3i	3-pin connector, on speedometer sender (Hall sender)
T4f	4-pin connector, on intake air temperature sender
T28b	28-pin connector, on 4BV (injection system) control unit
339	Earth connection (sender earth), in injection system wiring harness
340	Earth connection -2-, in injection system wiring harness
E46	Positive connection -1- (5 Volt), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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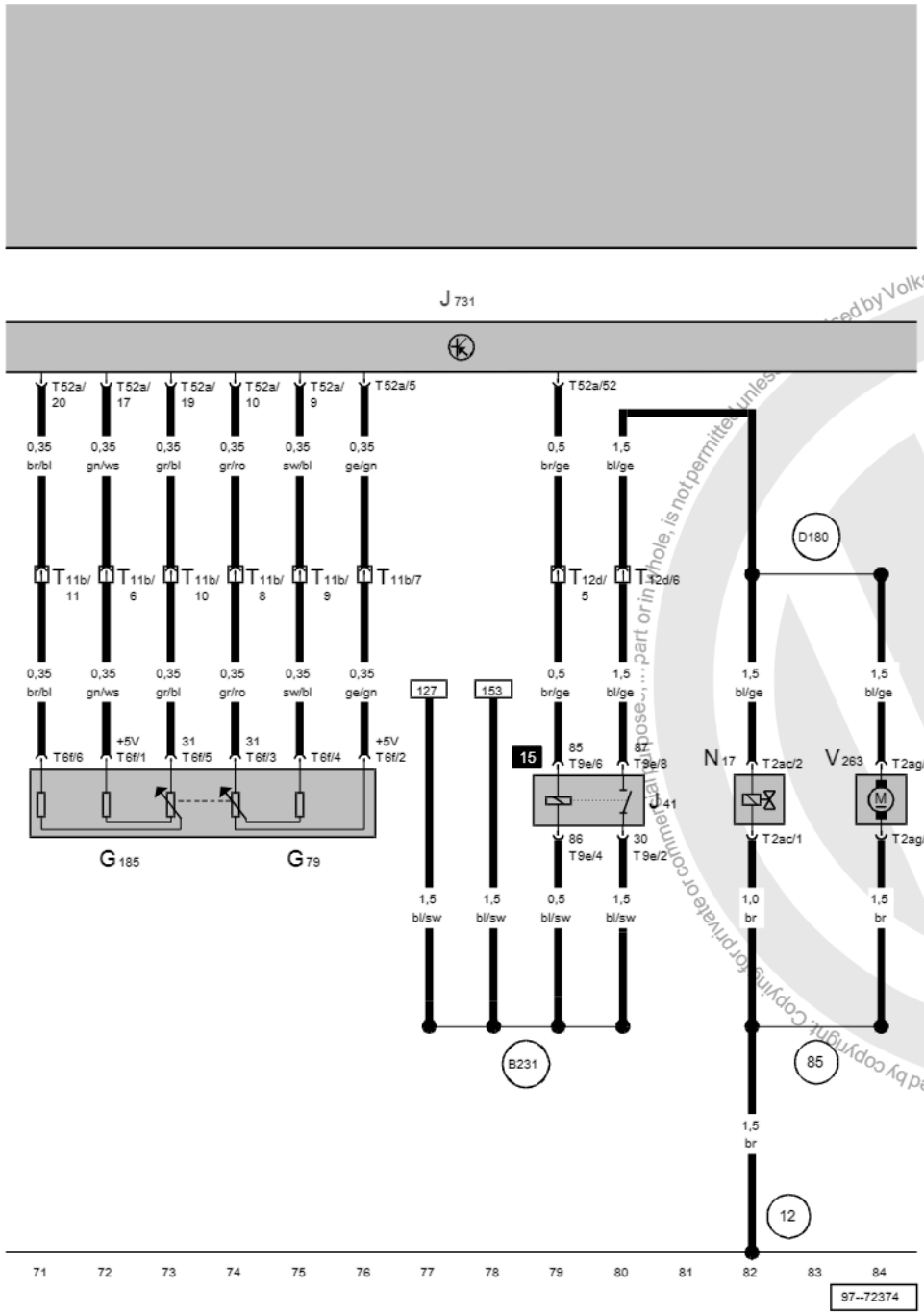


Knock sensor I, Throttle valve drive (electric power control), Throttle valve drive angle sender -1- (electric power control), Throttle valve drive angle sender -2- (electric power control), Ignition transformer, Spark plug connector, Spark plug

G61	Knock sensor I
G186	Throttle valve drive (electric power control)
G187	Throttle valve drive angle sender -1- (electric power control)
G188	Throttle valve drive angle sender -2- (electric power control)
J731	4BV (injection system) control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plug
T2j	2-pin connector, on knock sensor I
T4b	4-pin connector, on ignition transformer
T6b	6-pin connector, on throttle valve drive (electric power control)
T14a	14-pin connector, in engine compartment, left
T28b	28-pin connector, on 4BV (injection system) control unit

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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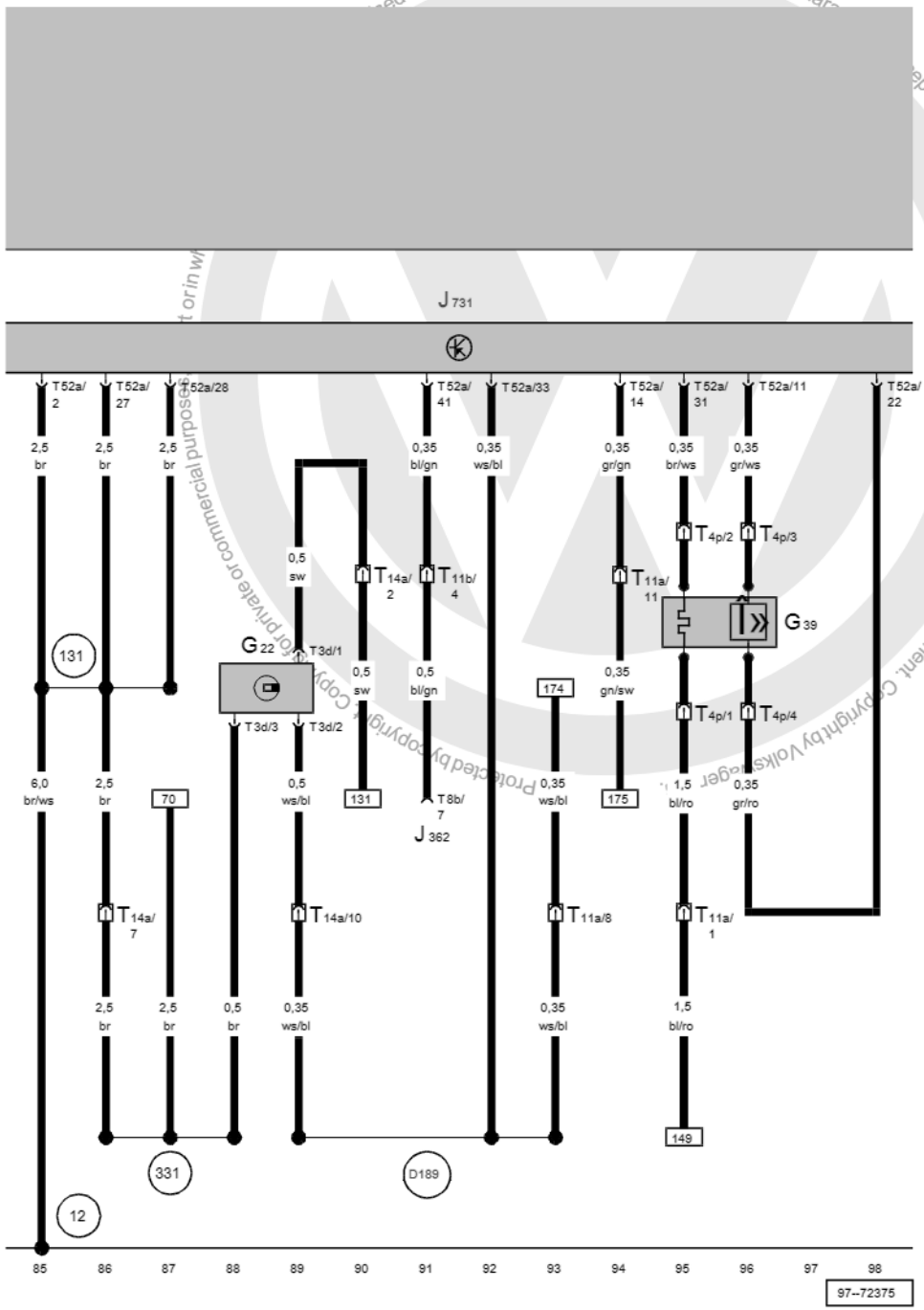


Accelerator pedal position sender, Accelerator pedal position sender -2-, Cold start device relay, 4BV (injection system) control unit, Cold start valve

G79	Accelerator pedal position sender
G185	Accelerator pedal position sender -2-
J41	Cold start device relay
J731	4BV (injection system) control unit
N17	Cold start valve
T2ac	2-pin connector, on cold start valve
T2ag	2-pin connector, on fuel pump (cold start)
T6f	6-pin connector, on accelerator pedal position sender
T9e	9-pin connector, on cold start device relay
T11b	11-pin connector, (blue) in engine compartment, left
T12d	12-pin connector, (white) in engine compartment, left
T52a	52-pin connector, on 4BV (injection system) control unit
V263	Fuel pump (cold start)
12	Earth point, on left in engine compartment
85	Earth connection -1-, in engine compartment wiring harness
B231	Positive connection -5- (30a), in interior wiring harness
D180	Connection (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

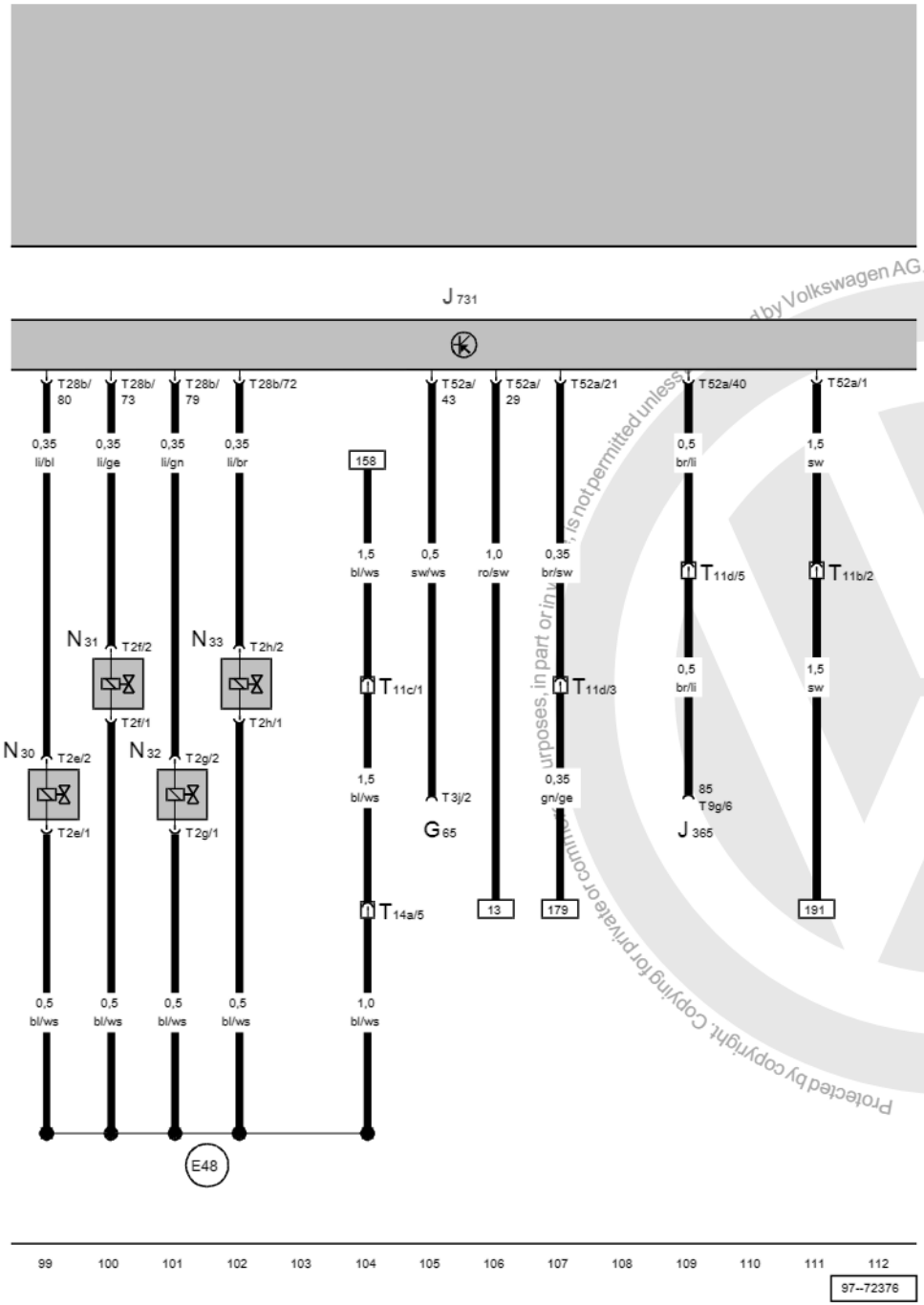
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Speedometer sender (hall sender on gearbox), Lambda probe, 4BV (injection system) control unit

G22	Speedometer sender (hall sender on gearbox)
G39	Lambda probe
J362	Immobilizer control unit
J731	4BV (injection system) control unit
T3d	3-pin connector, on speedometer sender (hall sender on gearbox)
T4p	4-pin connector, in engine compartment, front
T8b	8-pin connector, on immobilizer control unit
T11a	11-pin connector, (red) in engine compartment, left
T11b	11-pin connector, (blue) in engine compartment, left
T14a	14-pin connector, in engine compartment, left
T52a	52-pin connector, on 4BV (injection system) control unit
12	Earth point, on left in engine compartment
131	Earth connection -2-, in engine compartment wiring harness
331	Earth connection, in injection system wiring harness
D189	Connection (speed sensor), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

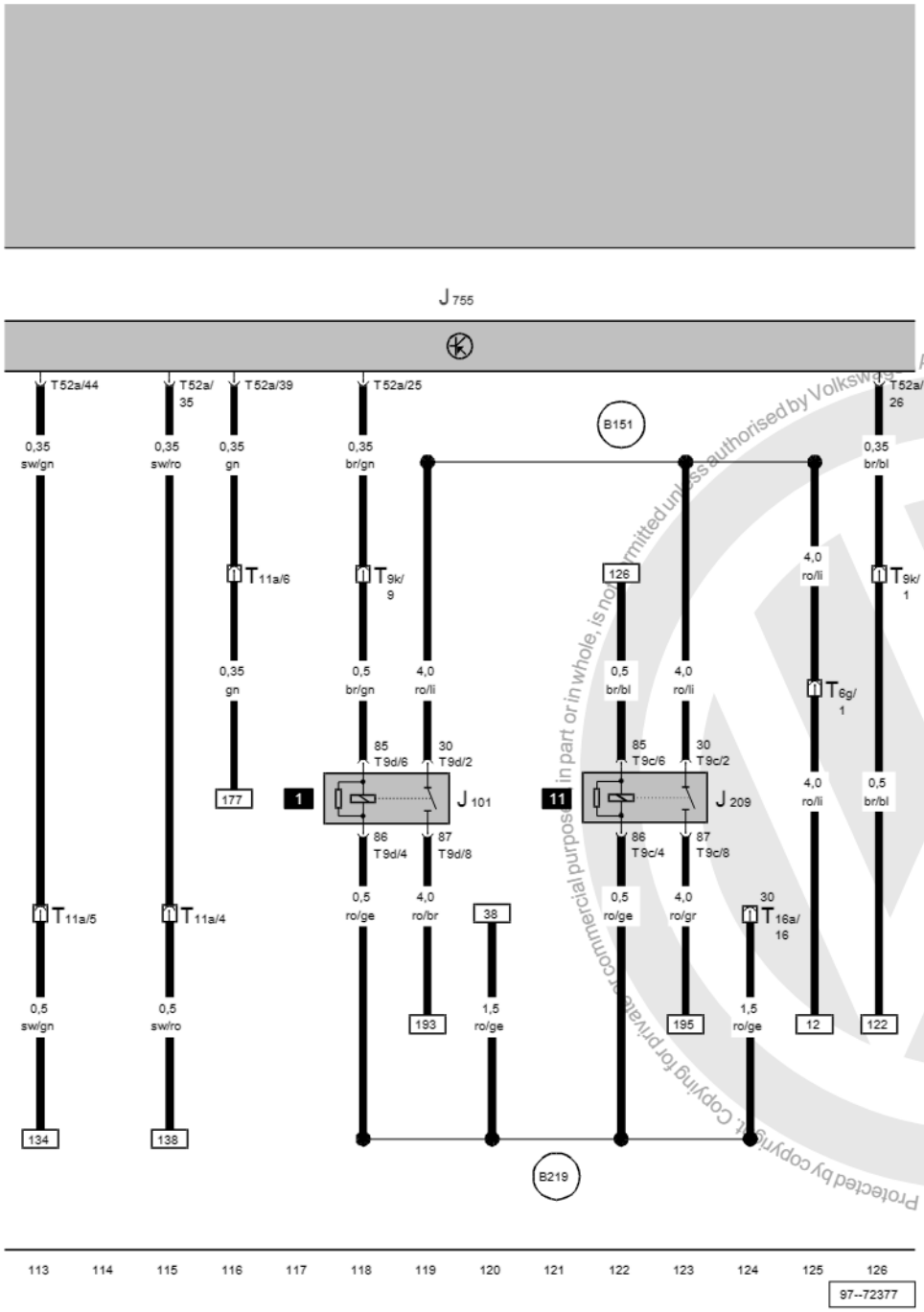


High pressure sender, 4BV (injection system) control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G65	High pressure sender
J365	Air conditioning system switch-off relay
J731	4BV (injection system) control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2e	2-pin connector, on injector, cylinder 1
T2f	2-pin connector, on injector, cylinder 2
T2g	2-pin connector, on injector, cylinder 3
T2h	2-pin connector, on injector, cylinder 4
T3j	3-pin connector, on high pressure sender
T9g	9-pin connector, on air conditioning system switch-off relay
T11b	11-pin connector, (blue) in engine compartment, left
T11c	11-pin connector, (green) in engine compartment, left
T11d	11-pin connector, (brown) in engine compartment, left
T14a	14-pin connector, in engine compartment, left
T28b	28-pin connector, on motronic control unit
T52a	52-pin connector, on 4BV (injection system) control unit
E48	Connection (injectors), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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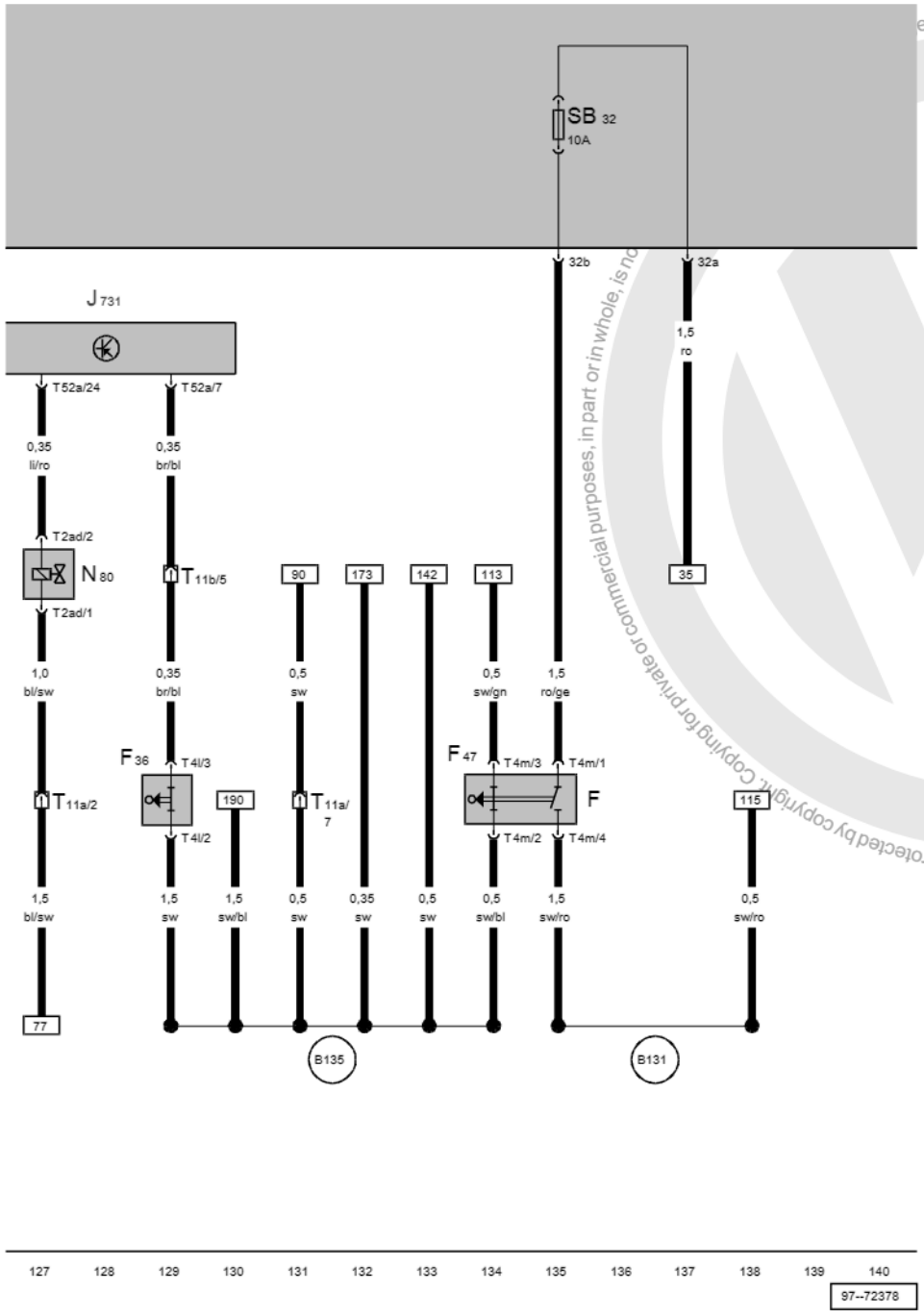


Radiator fan 2nd speed relay, Radiator fan 2nd speed relay, 4BV (injection system) control unit

J101	Radiator fan 2nd speed relay
J209	Fresh air blower and radiator fan relay
J731	4BV (injection system) control unit
T6g	6-pin connector, (grey) in engine compartment, left
T9c	9-pin connector, on fresh air blower and radiator fan
T9d	9-pin connector, on radiator fan 2nd speed relay
T9k	9-pin connector, (yellow) in engine compartment, left
T11a	11-pin connector, (red) in engine compartment, left
T16a	16-pin connector, on fuse holder
T52a	52-pin connector, on 4BV (injection system) control unit
B151	Positive connection -3- (30a), in interior wiring harness
B219	Positive connection -4- (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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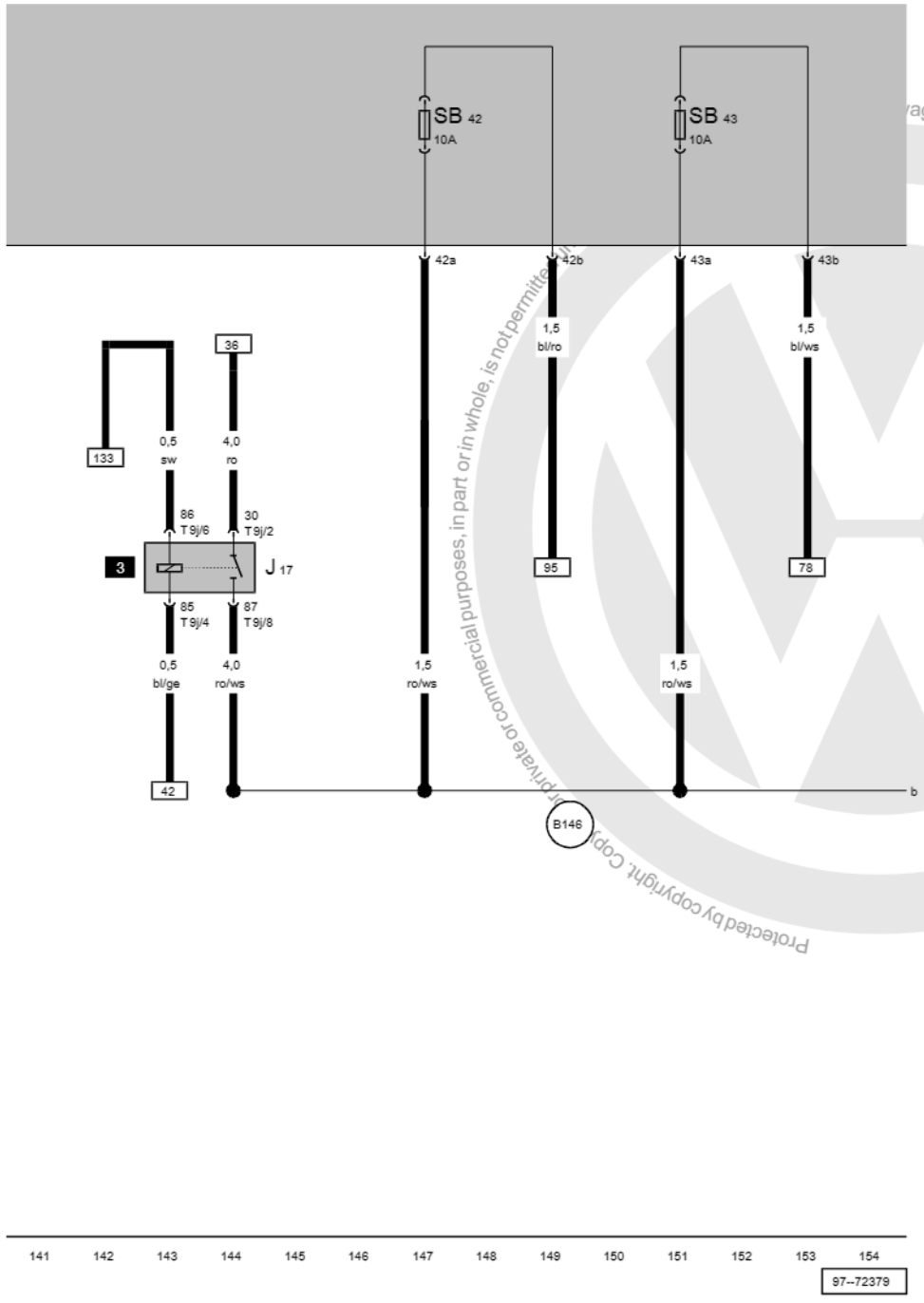


Brake light switch, Clutch pedal switch, Cruise control system/diesel direct injection system brake pedal switch, 4BV (injection system) control unit

F	Brake light switch
F36	Clutch pedal switch
F47	Cruise control system/diesel direct injection system brake pedal switch
J731	4BV (injection system) control unit
N80	Activated charcoal filter system solenoid valve I (pulsed)
SB32	Fusível -32- no porta-fusíveis
T2ad	2-pin connector, on activated charcoal filter system solenoid valve I (pulsed)
T4l	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake light switch
T11a	11-pin connector, (red) in engine compartment, left
T11b	11-pin connector, (blue) in engine compartment, left
T52a	52-pin connector, on 4BV (injection system) control unit
B131	Connection (54), in interior wiring harness
B135	Connection -1- (15a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuel pump relay

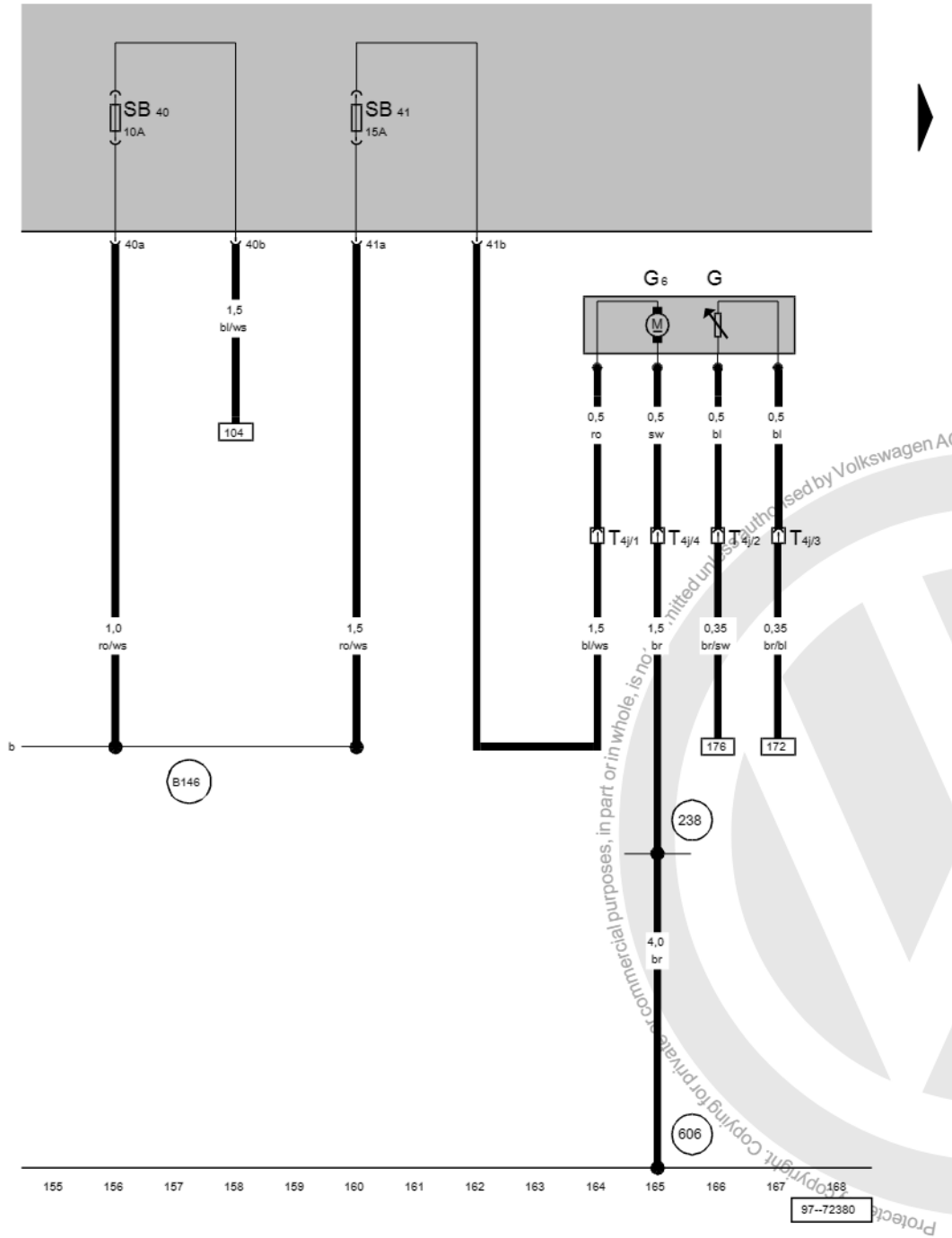
J17	Fuel pump relay
SB42	Fuse -42- on fuse holder
SB43	Fuse -43- on fuse holder
T9j	9-pin connector, on fuel pump relay
B146	Positive connection -1- (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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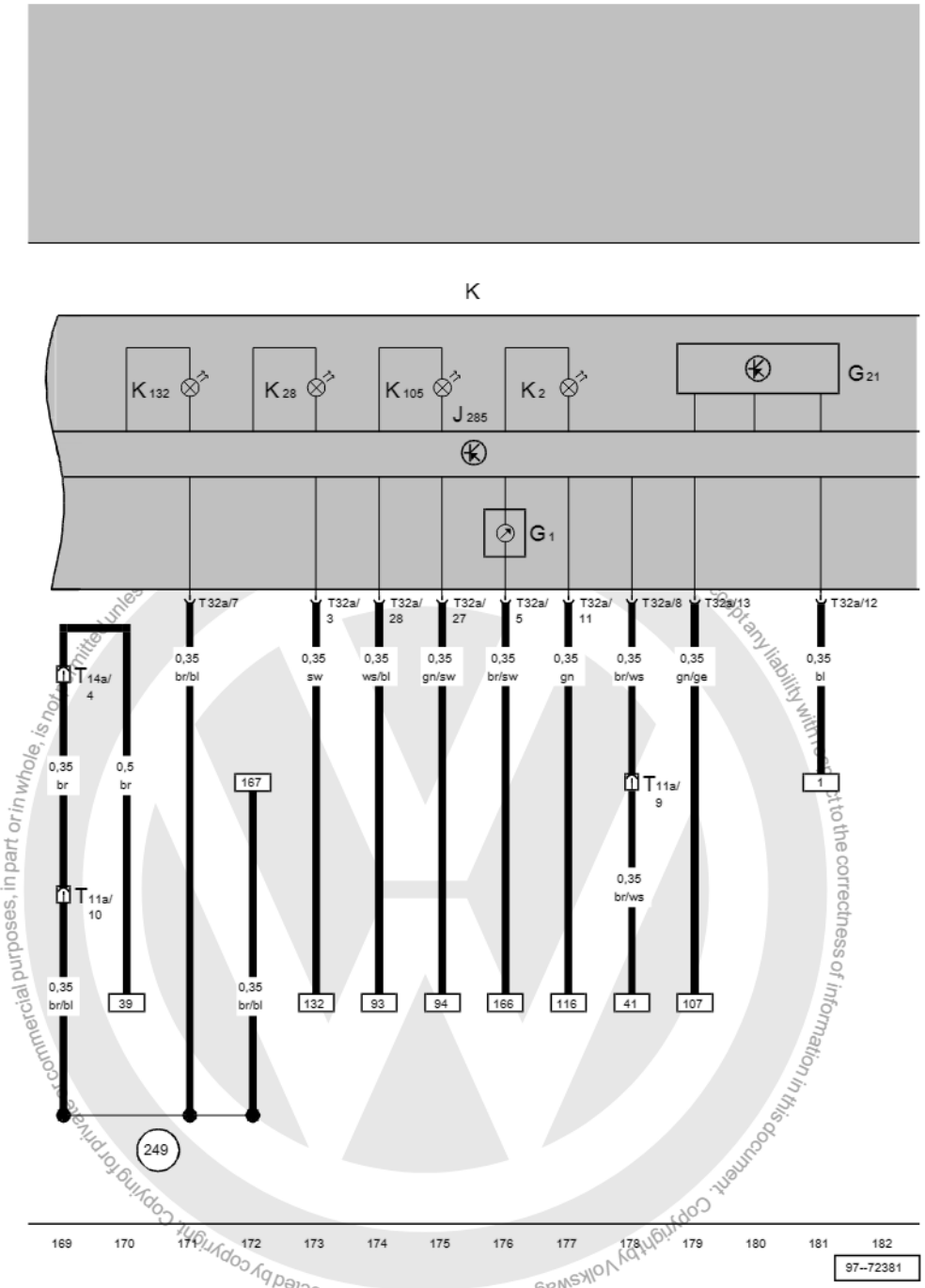
Fuel gauge sender, Fuel pump (pre-supply pump)

G	Fuel gauge sender
G6	Fuel pump (pre-supply pump)
SB40	Fuse -40- on fuse holder
SB41	Fuse -41- on fuse holder
T4j	4-pin connector, under rear right seat
238	Earth connection -1-, in interior wiring harness
606	Earth point, under the centre console near gear stick
B146	Positive connection -1- (87), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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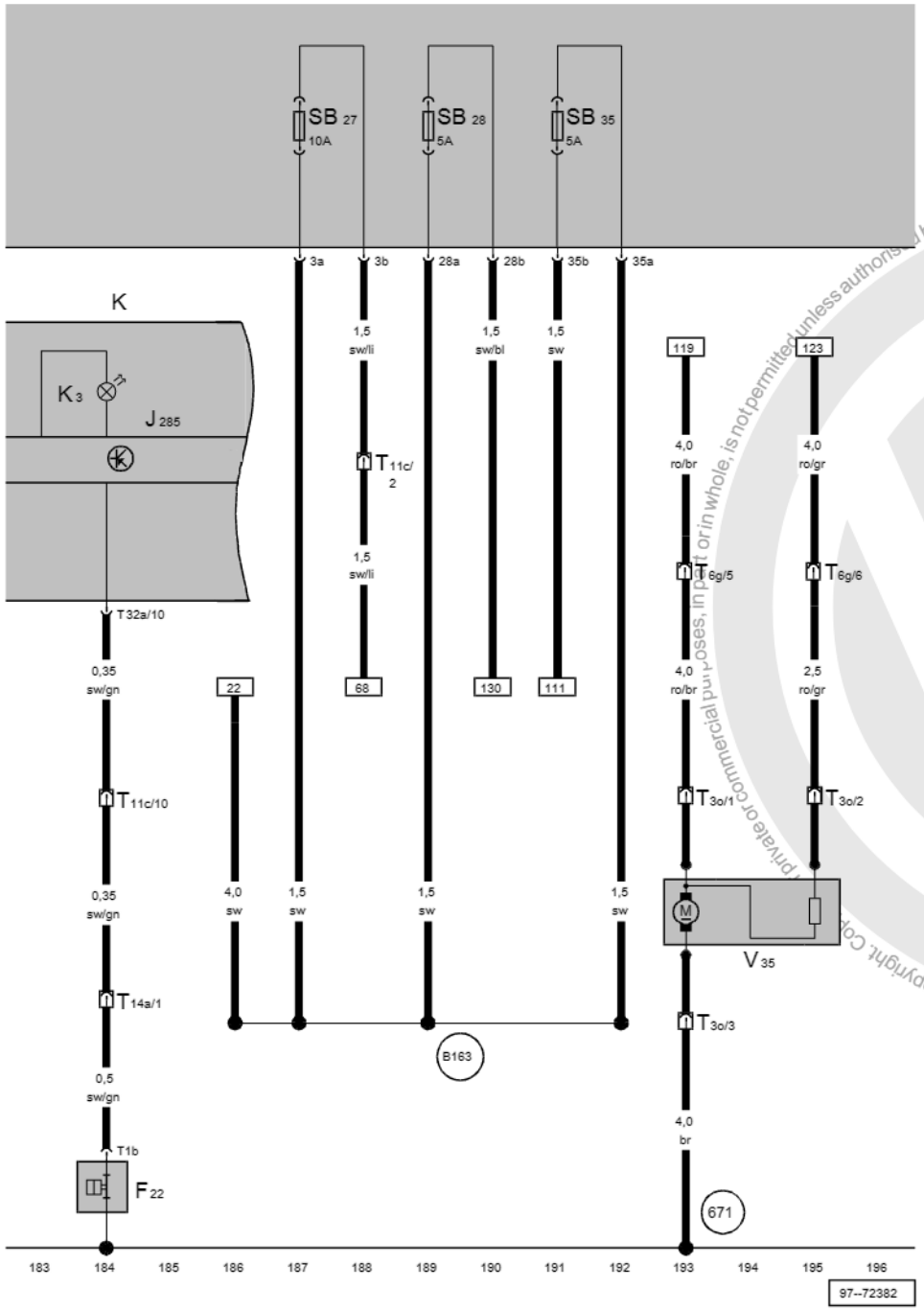


Fuel gauge, Speedometer, Dash panel insert, Alternator warning lamp, Coolant temperature/coolant shortage warning lamp, Reserve fuel warning lamp, Electronic power control fault lamp

G1	Fuel gauge
G21	Speedometer
J285	Control unit with display in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature/coolant shortage warning lamp
K105	Reserve fuel warning lamp
K132	Electronic power control fault lamp
T11a	11-pin connector, (red) in engine compartment, left
T14a	14-pin connector, in engine compartment, left
T32a	32-pin connector, on dash panel insert
249	Earth connection -2-, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Oil pressure switch (0.3 bar), Dash panel insert, Oil pressure warning lamp, Radiator fan, right

F22	Oil pressure switch (0.3 bar)
J285	Control unit with display in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
SB27	Fuse -27- on fuse holder
SB28	Fuse -28- on fuse holder
SB35	Fuse -29- on fuse holder
T1b	Single connector, on oil pressure switch (0.3 bar)
T3o	3-pin connector, in engine compartment, front left
T6g	6-pin connector, (grey) in engine compartment, left
T11c	11-pin connector, (green) in engine compartment, left
T14a	14-pin connector, in engine compartment, left
T32a	32-pin connector, on dash panel insert
V35	Radiator fan, right
671	Earth point -1-, on front of left longitudinal member
B163	Positive connection -1- (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Convenience system

from September 2003 up to April 2007

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

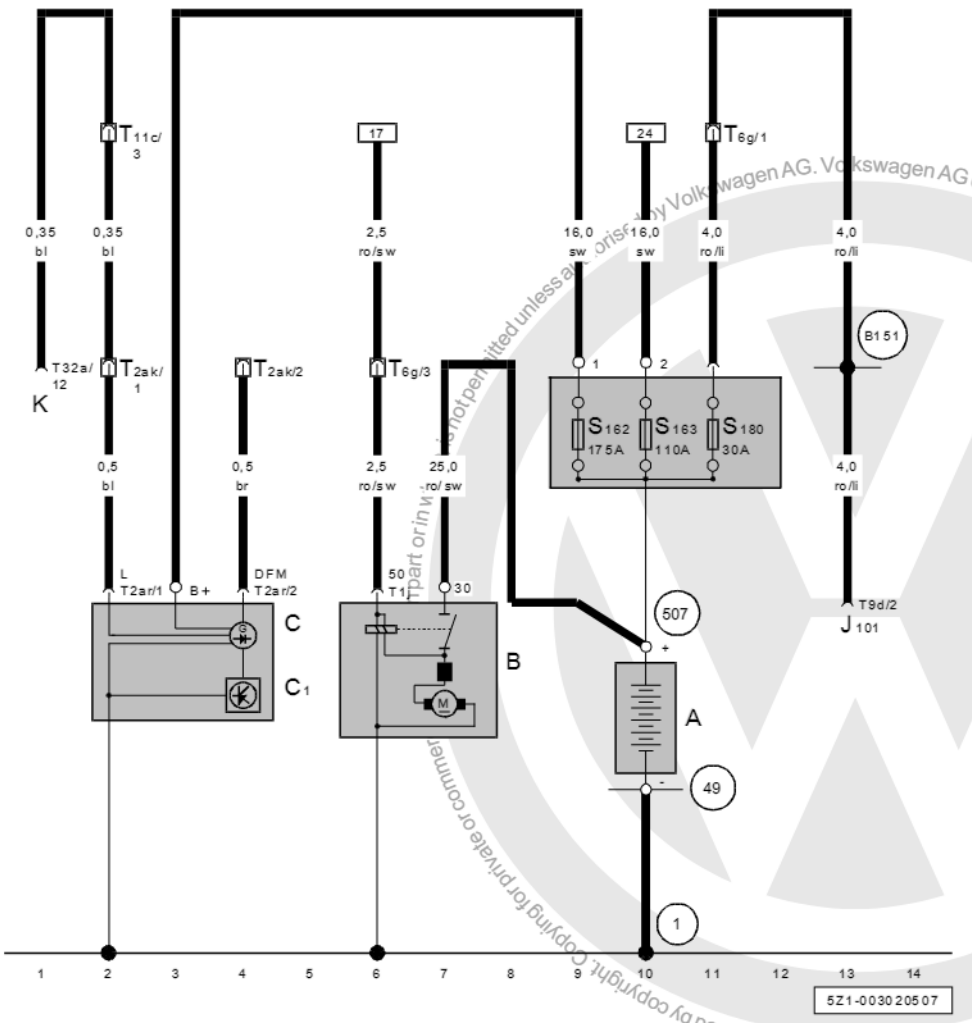
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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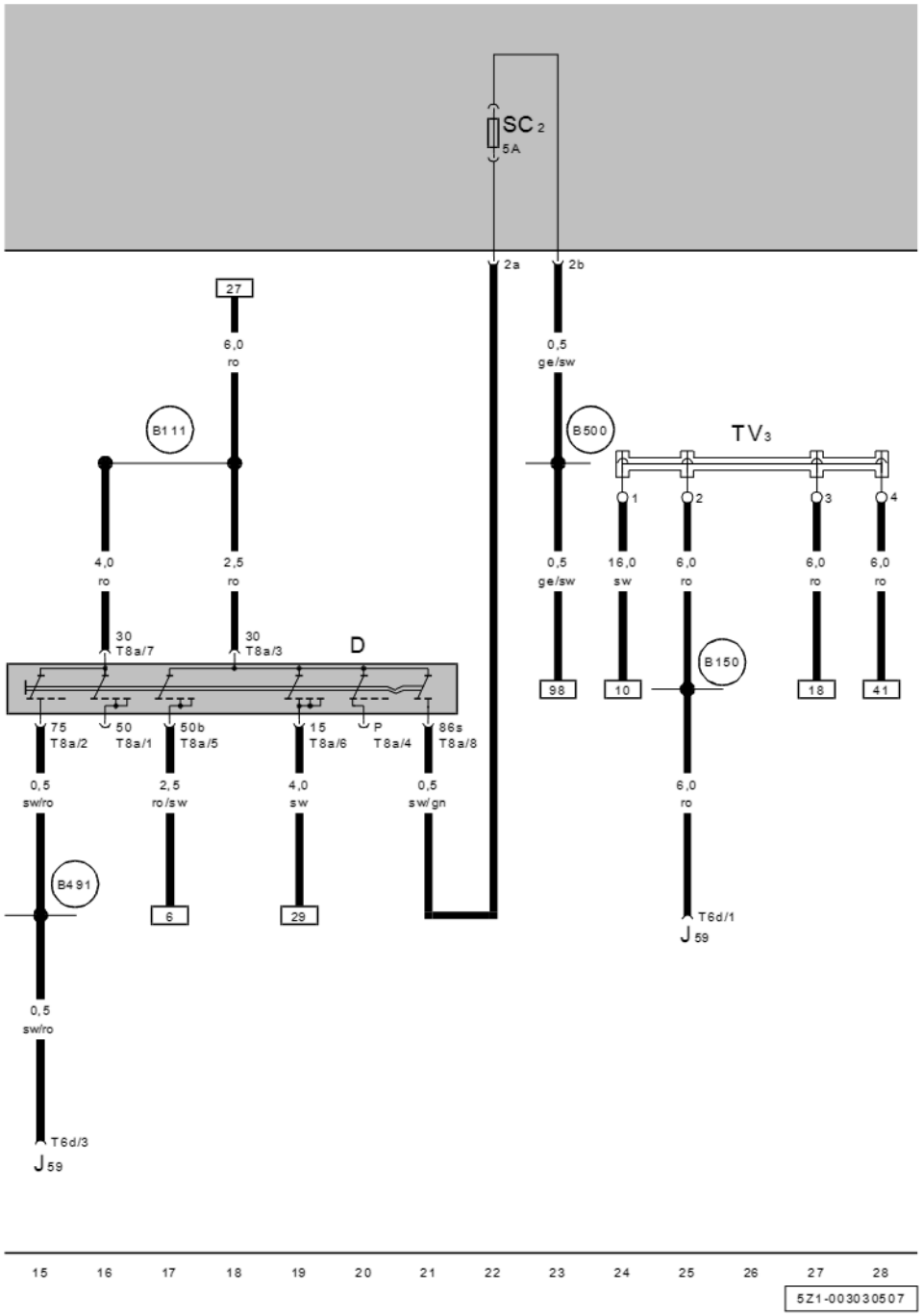


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J101	Radiator fan 2nd speed relay
K	Dash panel insert
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T9d	9-pin connector, on radiator fan 2nd speed relay
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery
B151	Positive connection 3 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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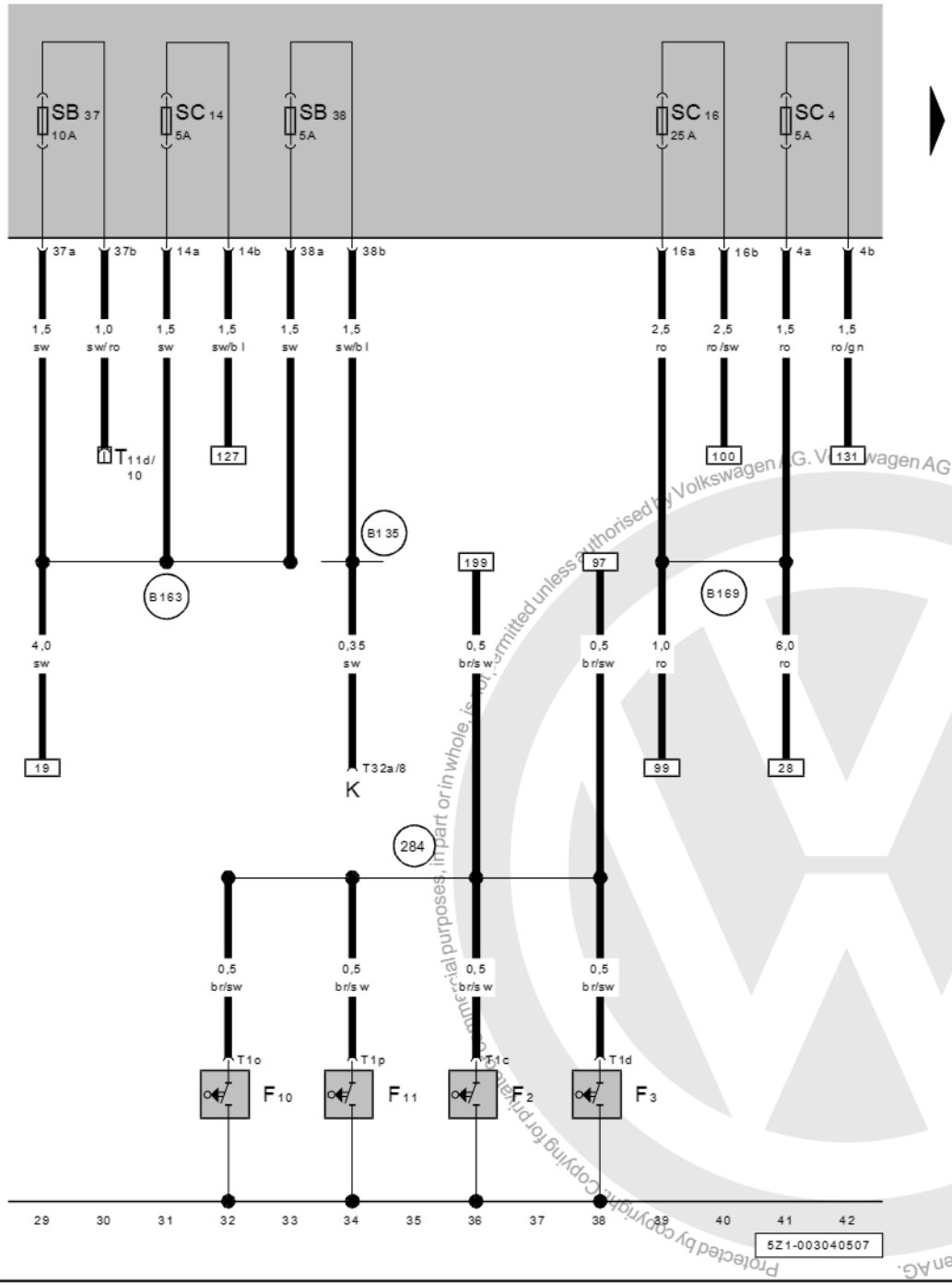


Ignition/starter switch, terminal 30a wiring junction

D	Ignition/starter switch
J59	X-contact relief relay
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
TV3	Terminal 30a wiring junction
B111	Positive connection 1 (30a), in interior wiring harness
B150	Positive connection 2 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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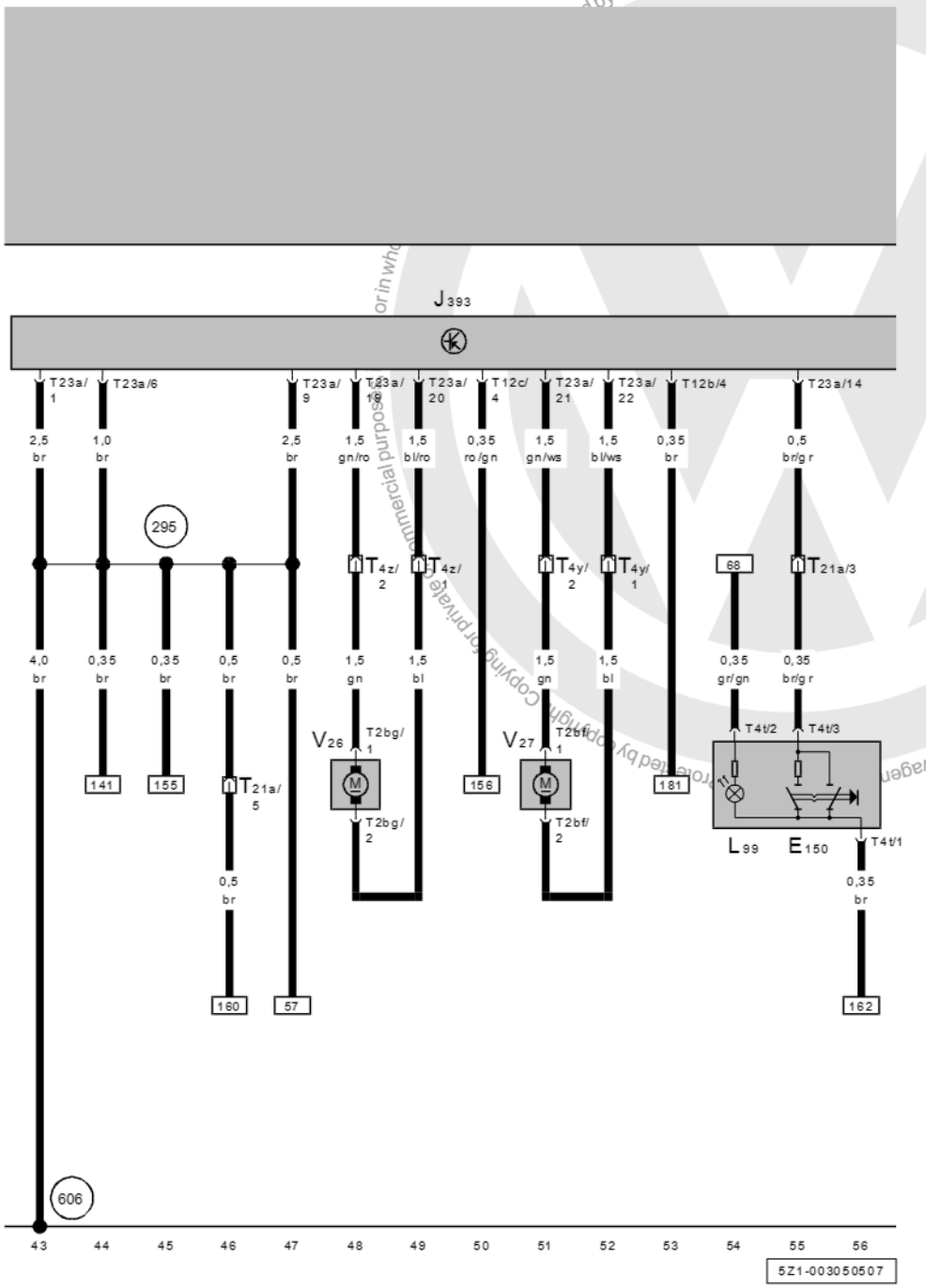


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Driver door contact switch, front passenger door contact switch, rear left door contact switch, rear right door contact switch

F2	Driver door contact switch
F3	Front passenger door contact switch
F10	Rear left door contact switch
F11	Rear right door contact switch
K	Dash panel insert
SB37	Fuse 37 on fuse holder B
SB38	Fuse 38 on fuse holder B
SC4	Fuse 4 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC16	Fuse 16 on fuse holder C
T1c	Single connector, on driver door contact switch
T1d	Single connector, on front passenger door contact switch
T1o	Single pin connector, on rear left door contact switch
T1p	Single pin connector, on rear right door contact switch
T11d	11-pin connector, brown, in left engine compartment
T32a	32-pin connector, on dash panel insert
284	Earth connection 6, in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B169	Positive connection 1 (30), in interior wiring harness

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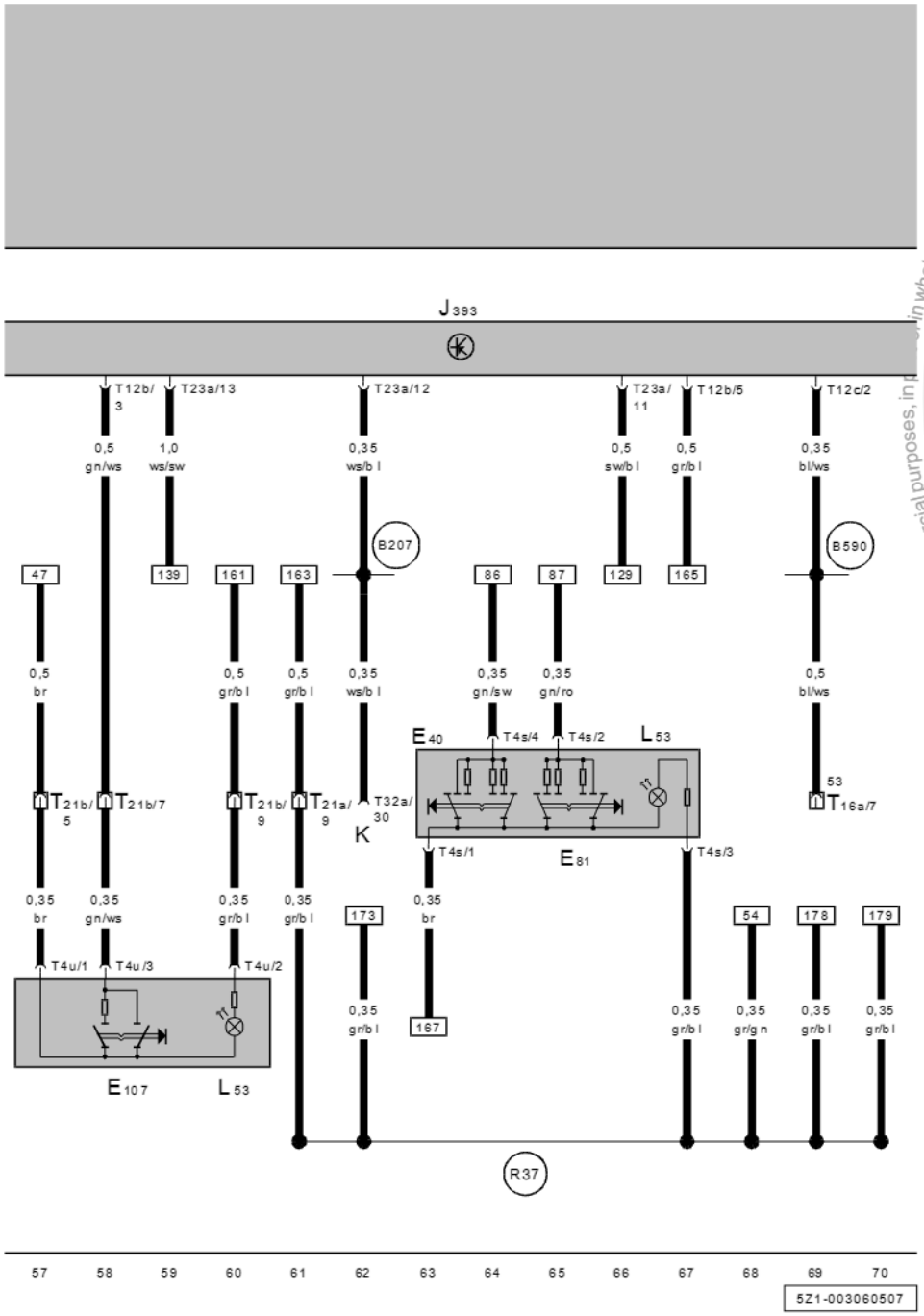


Driver side interior locking switch, convenience system central control unit, interior lock switch illumination bulb, rear left window regulator motor, rear right window regulator motor

E150	Driver side interior locking switch
J393	Convenience system central control unit
L99	Interior lock switch illumination bulb
T2bf	2-pin connector, on rear right window regulator motor
T2bg	2-pin connector, on rear left window regulator motor
T4t	4-pin connector, on driver side interior locking switch
T4y	4-pin connector, in rear right door
T4z	4-pin connector, in rear left door
T12b	12-pin connector, on convenience system central control unit
T12c	12-pin connector, on convenience system central control unit
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
V26	Rear left window regulator motor
V27	Rear right window regulator motor
295	Earth connection 10, in interior wiring harness
606	Earth point, under the centre console near selector lever

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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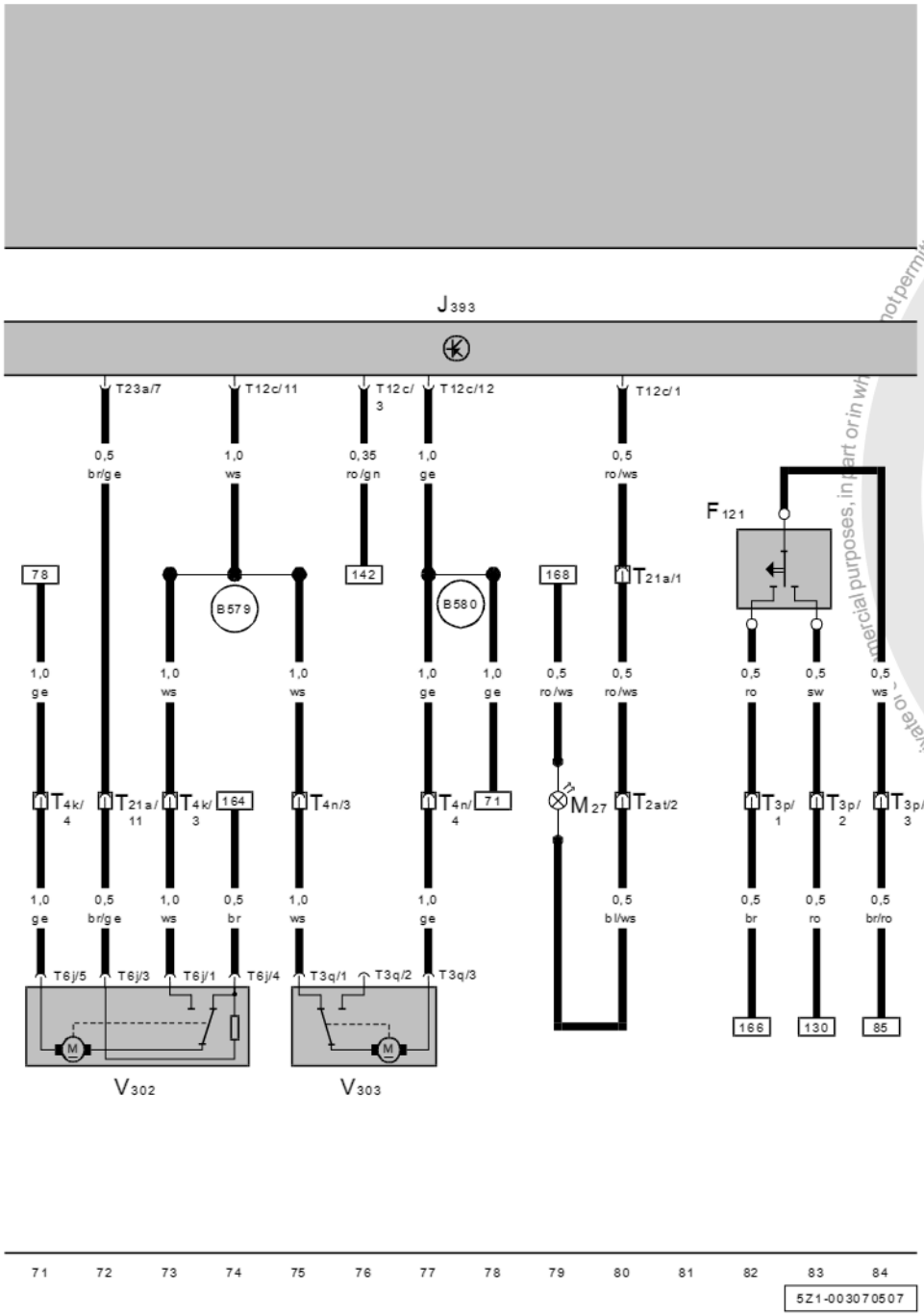


Front left window regulator switch, window regulator switch in front passenger door, convenience system central control unit, window regulator switch illumination bulb

E40	Front left window regulator switch
E81	Front right window regulator switch driver side
E107	Window regulator switch in front passenger door
J393	Convenience system central control unit
K	Dash panel insert
L53	Window regulator switch illumination bulb
T4s	4-pin connector, on front left window regulator switch
T4u	4-pin connector, on window regulator switch in front passenger door
T12b	12-pin connector, on convenience system central control unit
T12c	12-pin connector, on convenience system central control unit
T16a	16-pin connector, on fuse holder
T21a	21-pin connector, in the front left door
T21b	21-pin connector, in the front right door
T23a	23-pin connector, on convenience system central control unit
T32a	32-pin connector, on dash panel insert
B207	Connection (convenience), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness
R37	Connection 1 (window regulator), in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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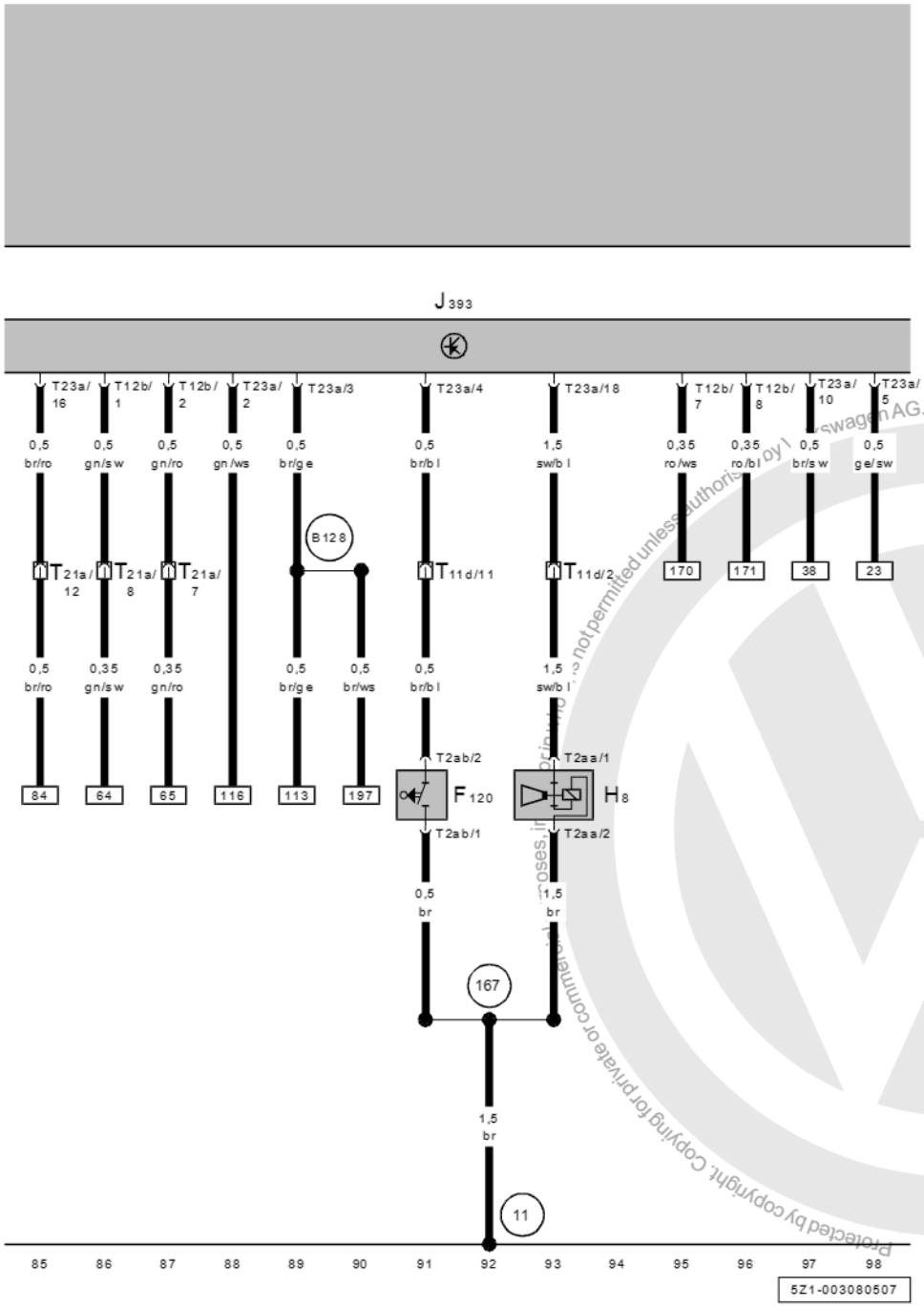


Driver door exterior handle switch for anti-theft alarm system, driver door central locking motor, front passenger door central locking motor

F121	Driver door exterior handle switch for anti-theft alarm system
J393	Convenience system central control unit
M27	Left door warning lamp
T2at	2-pin connector, on left door warning lamp
T3p	3-pin connector, on driver door exterior handle switch for anti-theft alarm system
T3q	3-pin connector, on front passenger door central locking motor
T4k	4-pin connector, front left door
T4n	4-pin connector, front right door
T6j	6-pin connector, on driver door central locking motor
T12c	12-pin connector, on convenience system central control unit
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
V302	Driver door central locking motor
V303	Front passenger door central locking deadlock function motor
B579	Connection for anti-theft alarm on, interior wiring harness
B580	Connection for anti-theft alarm off, interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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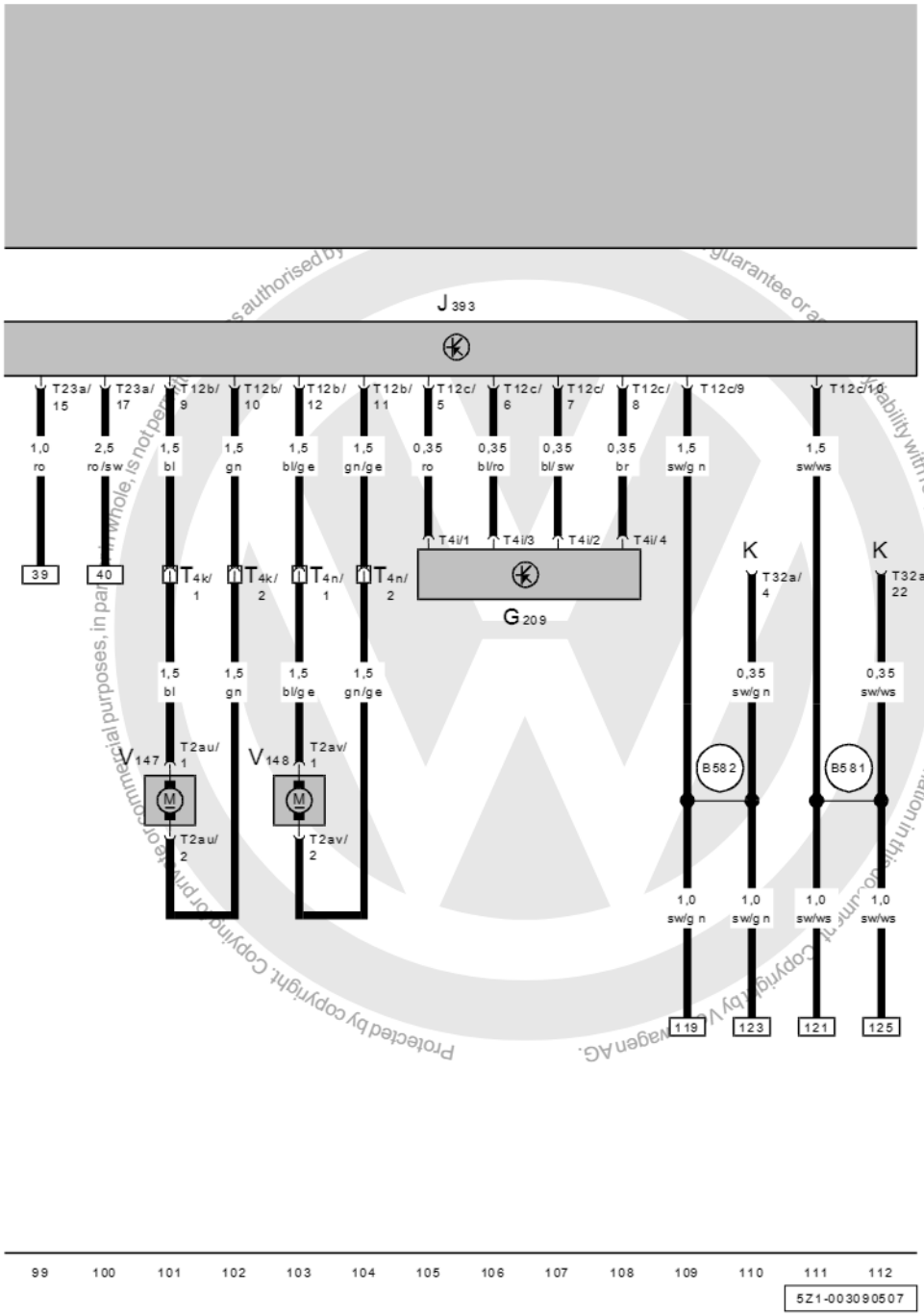


Anti-theft alarm and vermin repellent system contact switch, anti-theft alarm system horn, convenience system central control unit

F120	Anti-theft alarm and vermin repellent system contact switch
H8	Anti-theft alarm system horn
J393	Convenience system central control unit
T2aa	2-pin connector, on anti-theft alarm system horn
T2ab	2-pin connector, on anti-theft alarm and vermin repellent system contact switch
T11d	11-pin connector, brown, in left engine compartment
T12b	12-pin connector, on convenience system central control unit
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
11	Earth point, in battery box
167	Earth connection 4, in engine compartment wiring harness
B128	Connection (luggage compartment light), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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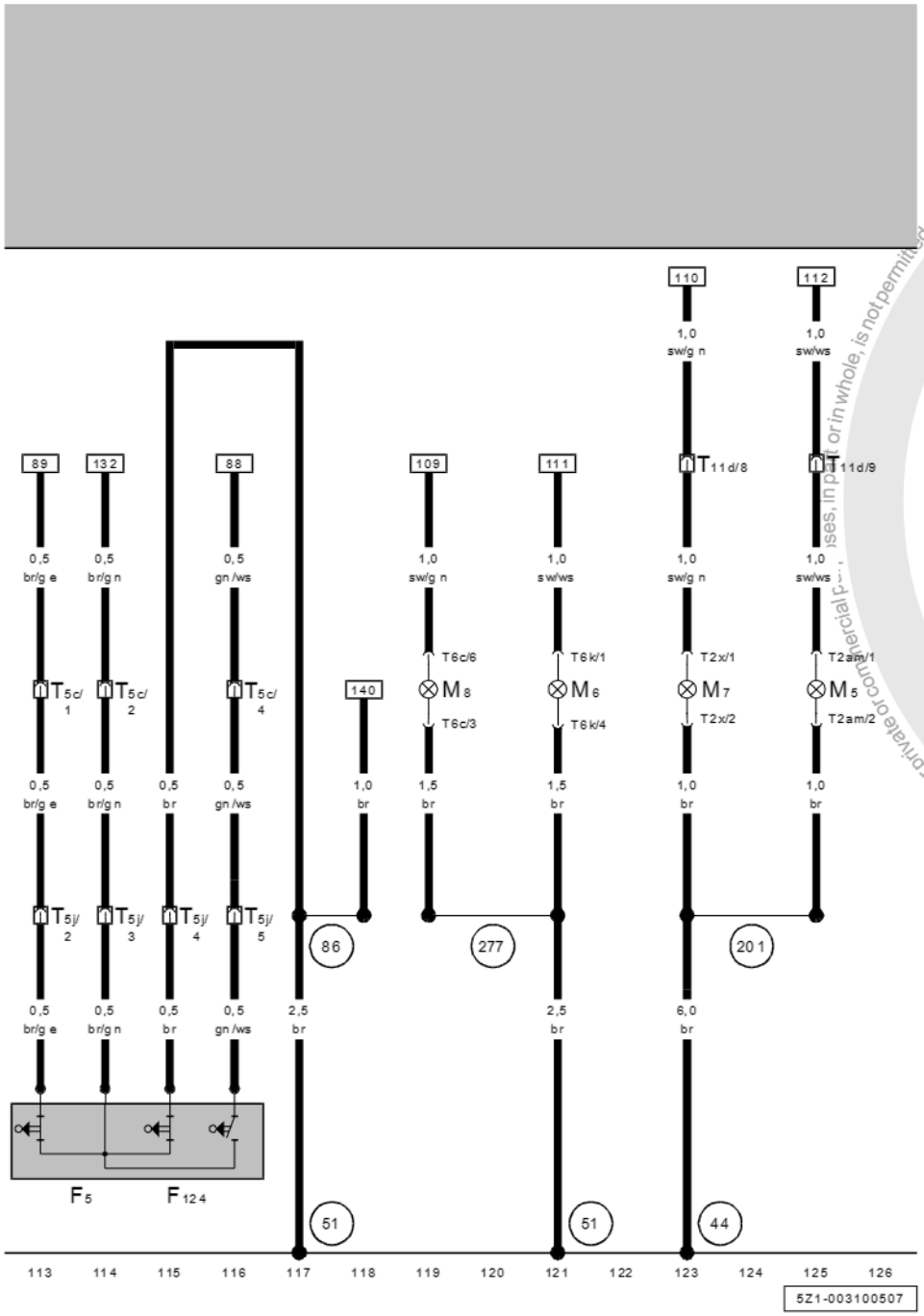


Anti-theft alarm ultrasonic sensor, convenience system central control unit, driver side window regulator motor, front passenger side window regulator motor

G209	Anti-theft alarm ultrasonic sensor
J393	Convenience system central control unit
K	Dash panel insert
T2au	2-pin connector, on driver side window regulator motor
T2av	2-pin connector, on front passenger side window regulator motor
T4i	4-pin connector, on anti-theft alarm ultrasonic sensor
T4k	4-pin connector, front left door
T4n	4-pin connector, front right door
T12b	12-pin connector, on convenience system central control unit
T12c	12-pin connector, on convenience system central control unit
T23a	23-pin connector, on convenience system central control unit
T32a	32-pin connector, on dash panel insert
V147	Driver side window regulator motor
V148	Front passenger side window regulator motor
B581	Positive connection (left indicator lamp), interior wiring harness
B582	Positive connection (right indicator lamp), interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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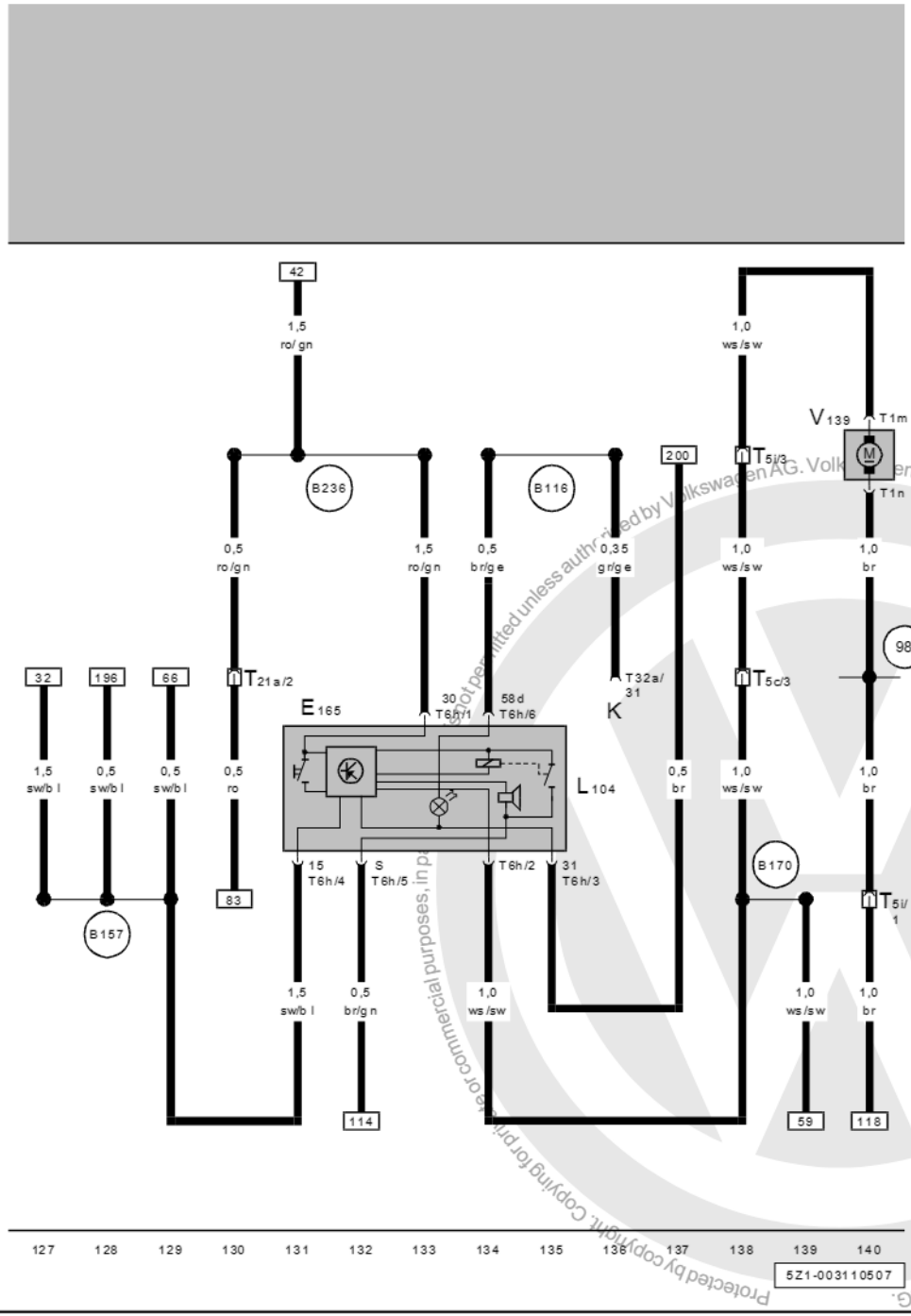


Luggage compartment light switch, contact switch in lock cylinder for rear lid, anti-theft alarm system, central locking system, front left turn signal bulb, front right turn signal bulb

F5	Luggage compartment light switch
F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system, central locking system
M5	Front left turn signal bulb
M6	Rear left turn signal bulb
M7	Front right turn signal bulb
M8	Rear right turn signal bulb
T2am	2-pin connector, on the front left turn signal bulb
T2x	2-pin connector, on the front right turn signal bulb
T5c	5-pin connector, behind side trim on rear left, near wheel arch
T5j	5-pin connector, on luggage compartment light switch/ contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
T11d	11-pin connector, brown, in left engine compartment
44	Earth point, lower part of left A-pillar
51	Earth point, in luggage compartment
86	Earth connection 1, in rear wiring harness
201	Earth connection 5, in engine compartment wiring harness
277	Earth connection 3, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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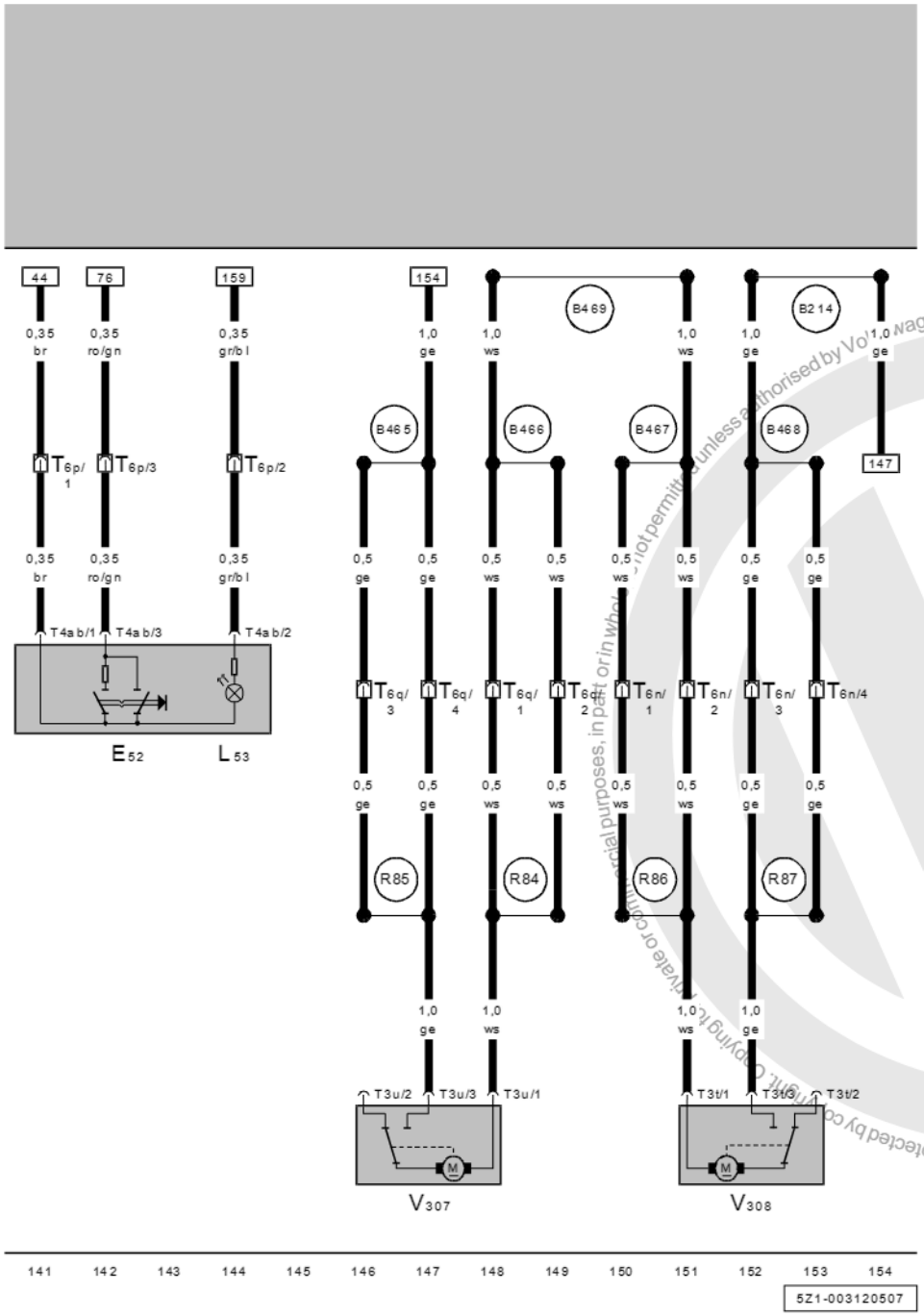


Rear lid release switch, remote release switch illumination bulb, rear lid lock motor

E165	Rear lid release switch
K	Dash panel insert
L104	Remote release switch illumination bulb
T1m	Single pin connector, on rear lid release motor
T1n	Single pin connector, on rear lid release motor
T5c	5-pin connector, behind side trim on rear left, near wheel arch
T5i	5-pin connector, in rear lid
T6h	6-pin connector, on rear lid release switch
T21a	21-pin connector, in the front left door
T32a	32-pin connector, on dash panel insert
V139	Rear lid release motor
98	Earth connection, in rear lid wiring harness
B116	Connection (58d), in interior wiring harness
B157	Positive connection 3 (15a), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B236	Positive connection 6 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Rear left window regulator switch, in door, window regulator switch illumination bulb, rear left central locking motor

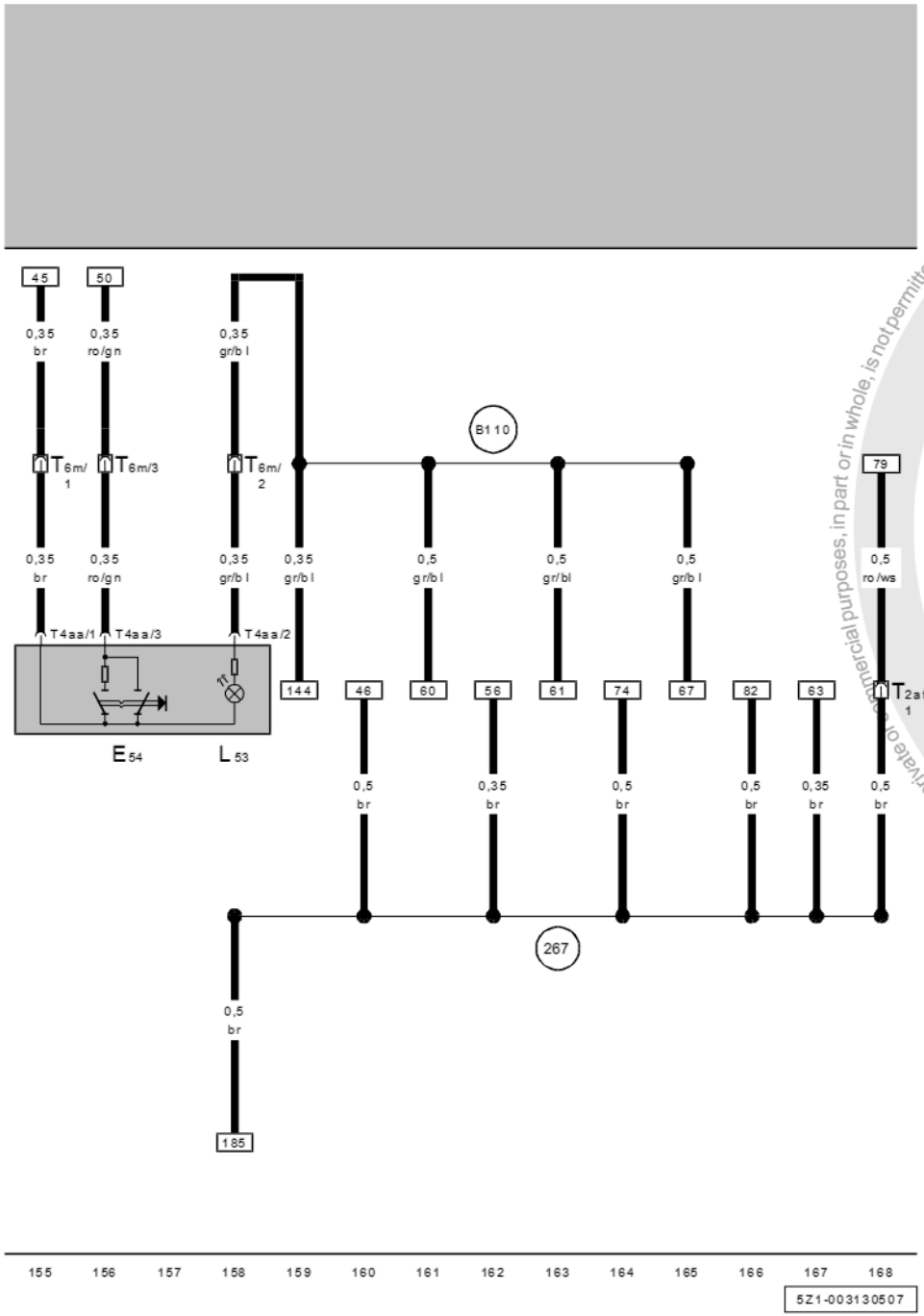
E52	Rear left window regulator switch, in door
L53	Window regulator switch illumination bulb
T3t	3-pin connector, on rear right central locking motor
T3u	3-pin connector, on rear left central locking motor
T4ab	4-pin connector, on rear left window regulator switch, in door
T6n	6-pin connector, in rear right door
T6p	6-pin connector, in rear left door
T6q	6-pin connector, in rear left door
V307	Rear left central locking motor
V308	Rear right central locking motor
B214	Connection 1 (central locking), in interior wiring harness
B465	Connection 1 in main wiring harness
B466	Connection 2 in main wiring harness
B467	Connection 3 in main wiring harness
B468	Connection 4 in main wiring harness
B469	Connection 5 in main wiring harness
R84	Connection 1 (central locking) in rear left door wiring harness
R85	Connection 2 (central locking) in rear left door wiring harness
R86	Connection 1 (central locking) in rear right door wiring harness
R87	Connection 2 (central locking) in rear right door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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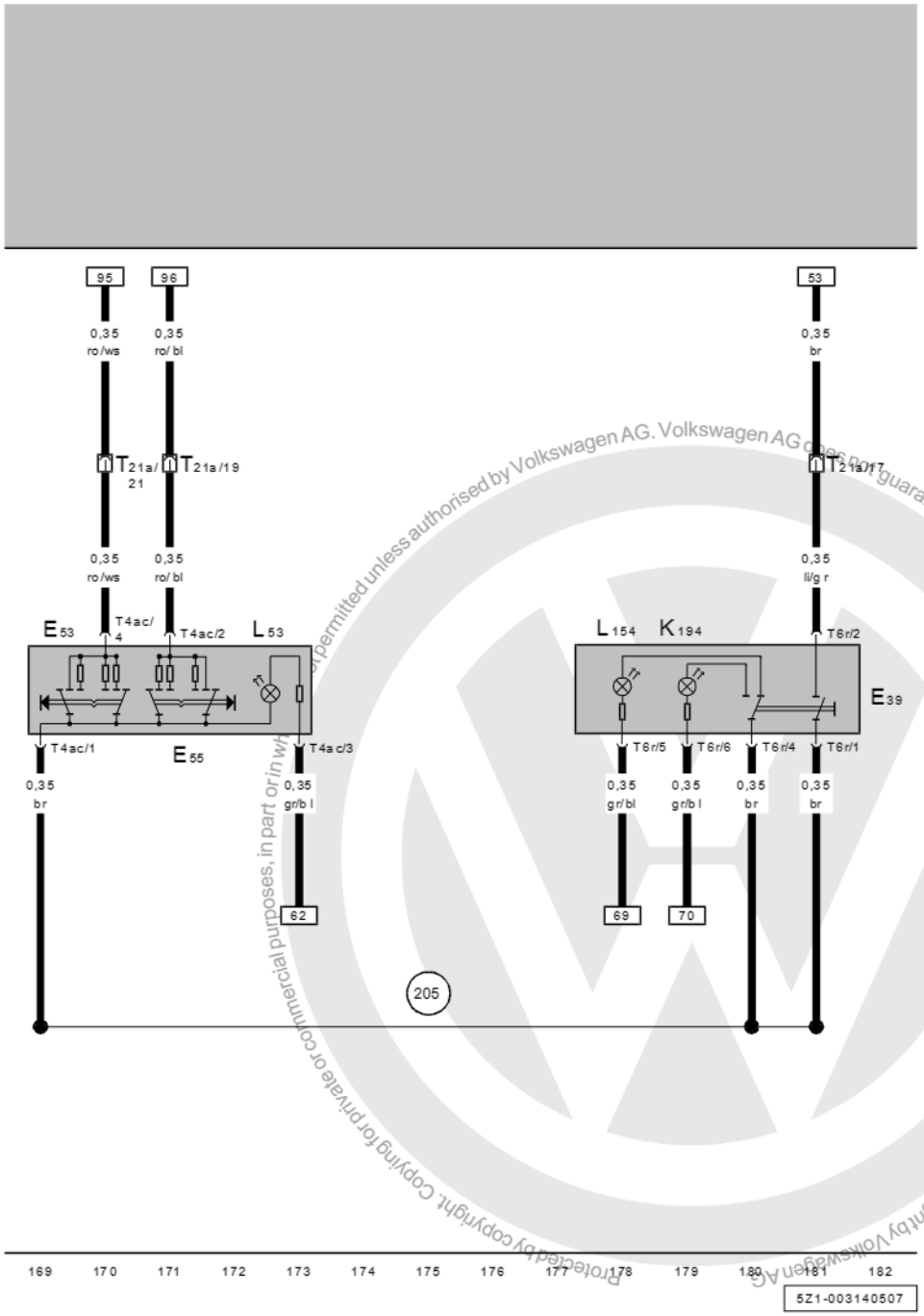
Rear left window regulator switch, in door, window regulator switch illumination bulb

E54	Rear right window regulator switch, in door
L53	Window regulator switch illumination bulb
T2at	2-pin connector, on left door warning lamp
T4aa	4-pin connector, on rear right window regulator switch, in door
T6m	6-pin connector, in rear right door
267	Earth connection 2, in driver side door wiring harness
B110	Connection (30, window regulator) in interior wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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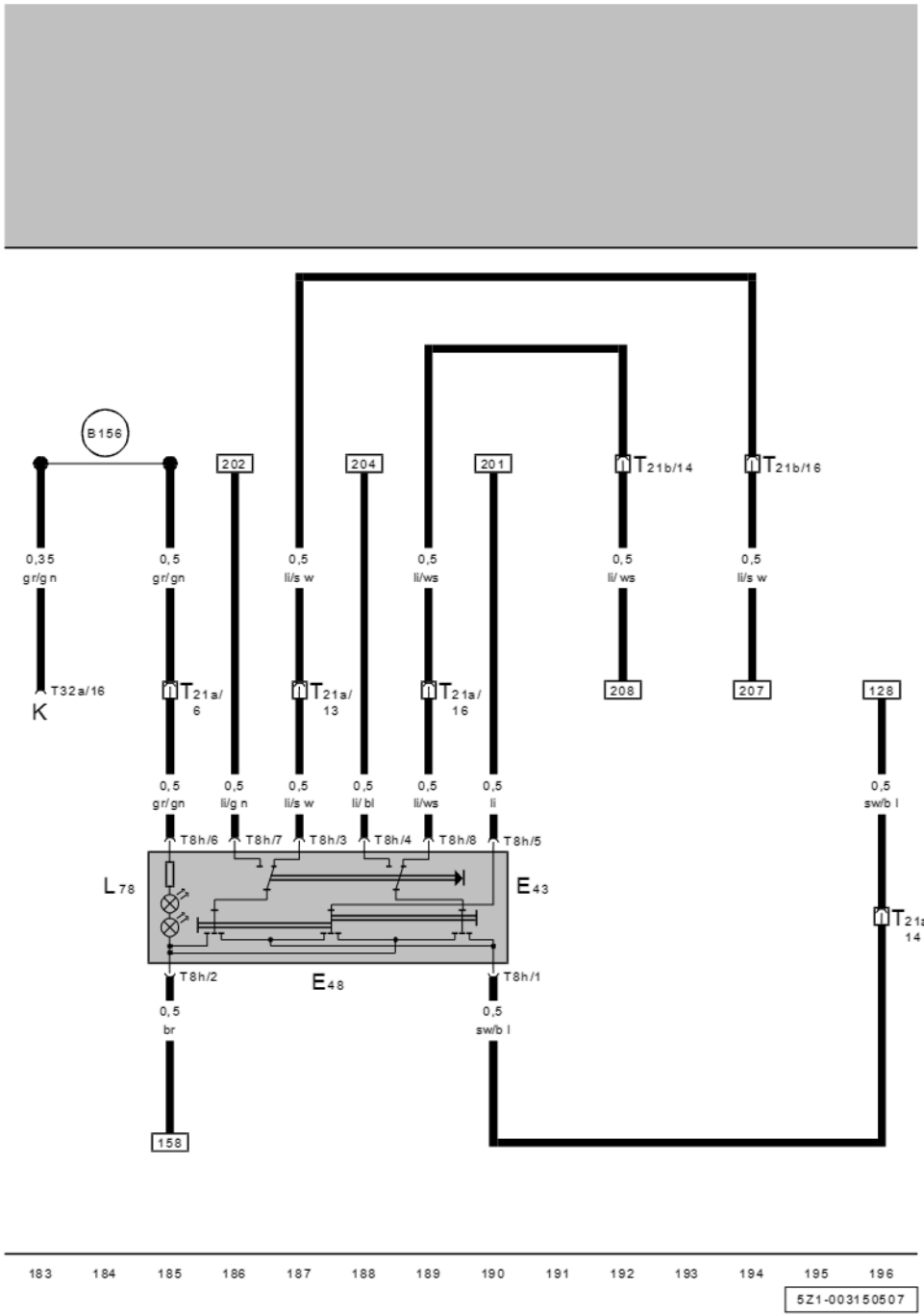


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Rear window regulator isolation switch, rear left window regulator switch, in driver door, rear right window regulator switch, in driver door

E39	Rear window regulator isolation switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
K194	Rear window regulator lock warning lamp
L53	Window regulator switch illumination bulb
L154	Rear window regulator isolation switch illumination bulb
T4ac	4-pin connector, on rear left window regulator switch, in driver door
T6r	6-pin connector, on rear window regulator isolation switch
T21a	21-pin connector, in the front left door
205	Earth connection, in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

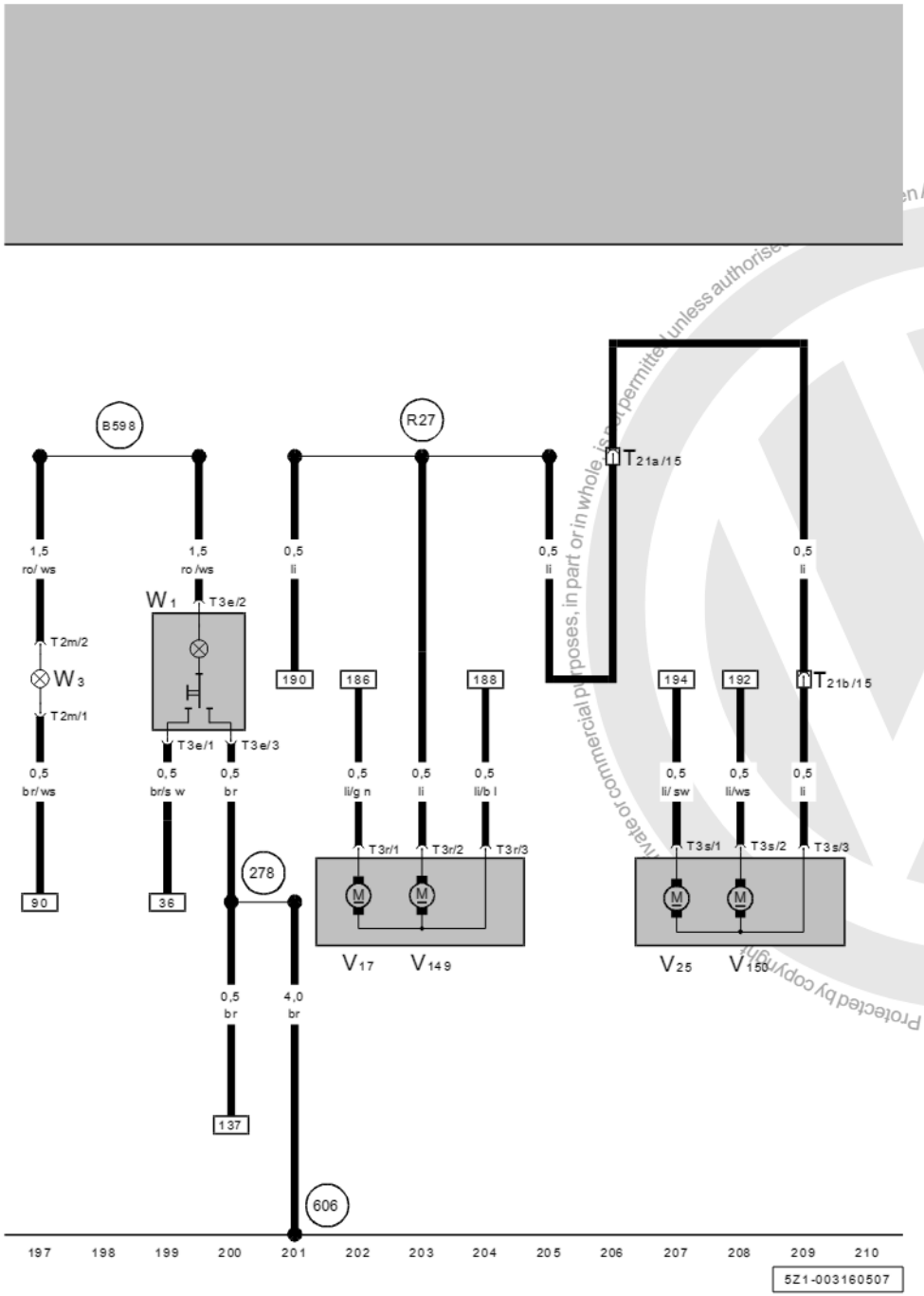


Mirror adjustment switch, mirror adjustment change-over switch, mirror adjustment switch illumination bulb

E43	Mirror adjustment switch
E48	Mirror adjustment change-over switch
K	Dash panel insert
L78	Mirror adjustment switch illumination bulb
T8h	8-pin connector, on mirror adjustment switch
T21a	21-pin connector, in the front left door
T21b	21-pin connector, in the front right door
T32a	32-pin connector, on dash panel insert
(B156)	Positive connection (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Driver side mirror adjustment motor, front passenger side mirror adjustment, front interior light, luggage compartment light

T2m	2-pin connector, on luggage compartment light
T3e	3-pin connector, on front interior light
T3r	3-pin connector, on driver side mirror adjustment motor
T3s	3-pin connector, on front passenger side mirror adjustment motor
T21a	21-pin connector, in the front left door
T21b	21-pin connector, in the front right door
V17	Driver side mirror adjustment motor
V25	Front passenger side mirror adjustment motor
V149	Driver side mirror adjustment motor
V150	Front passenger side mirror adjustment motor
W1	Front interior light
W3	Luggage compartment light
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near selector lever
B598	Positive connection 11 (30a), in interior wiring harness
R27	Connection (mirror adjustment), in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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Light switch

from September 2003 up to July 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

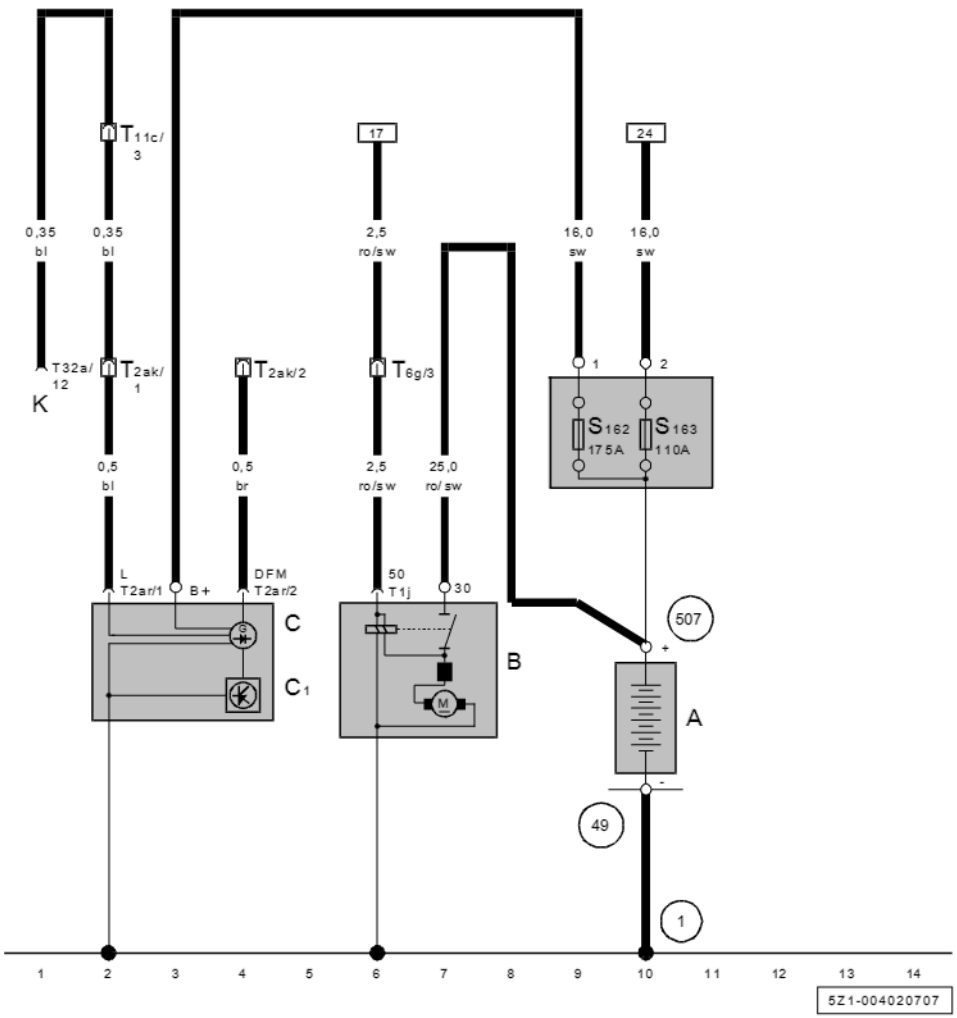
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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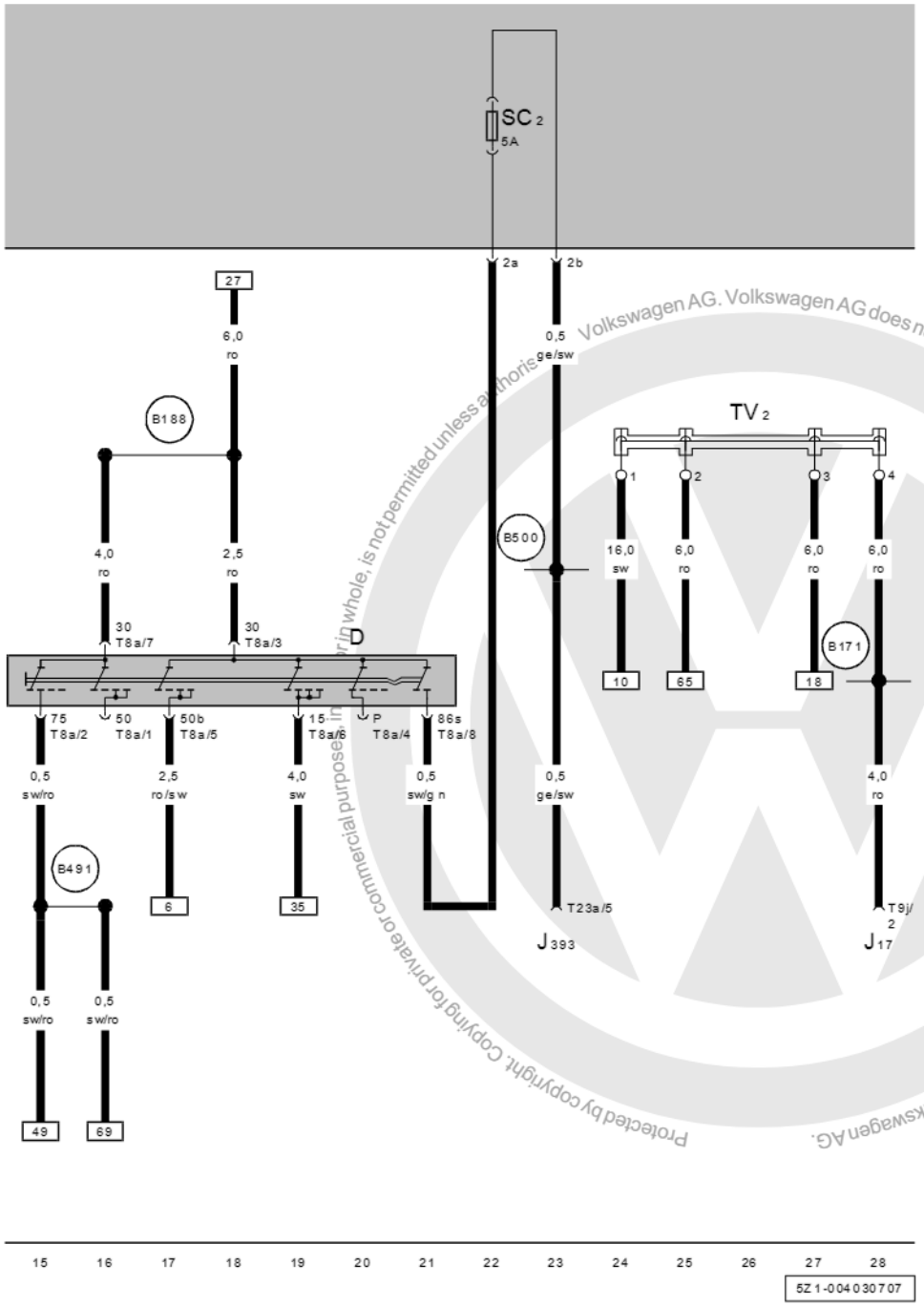


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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rs = pink

Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

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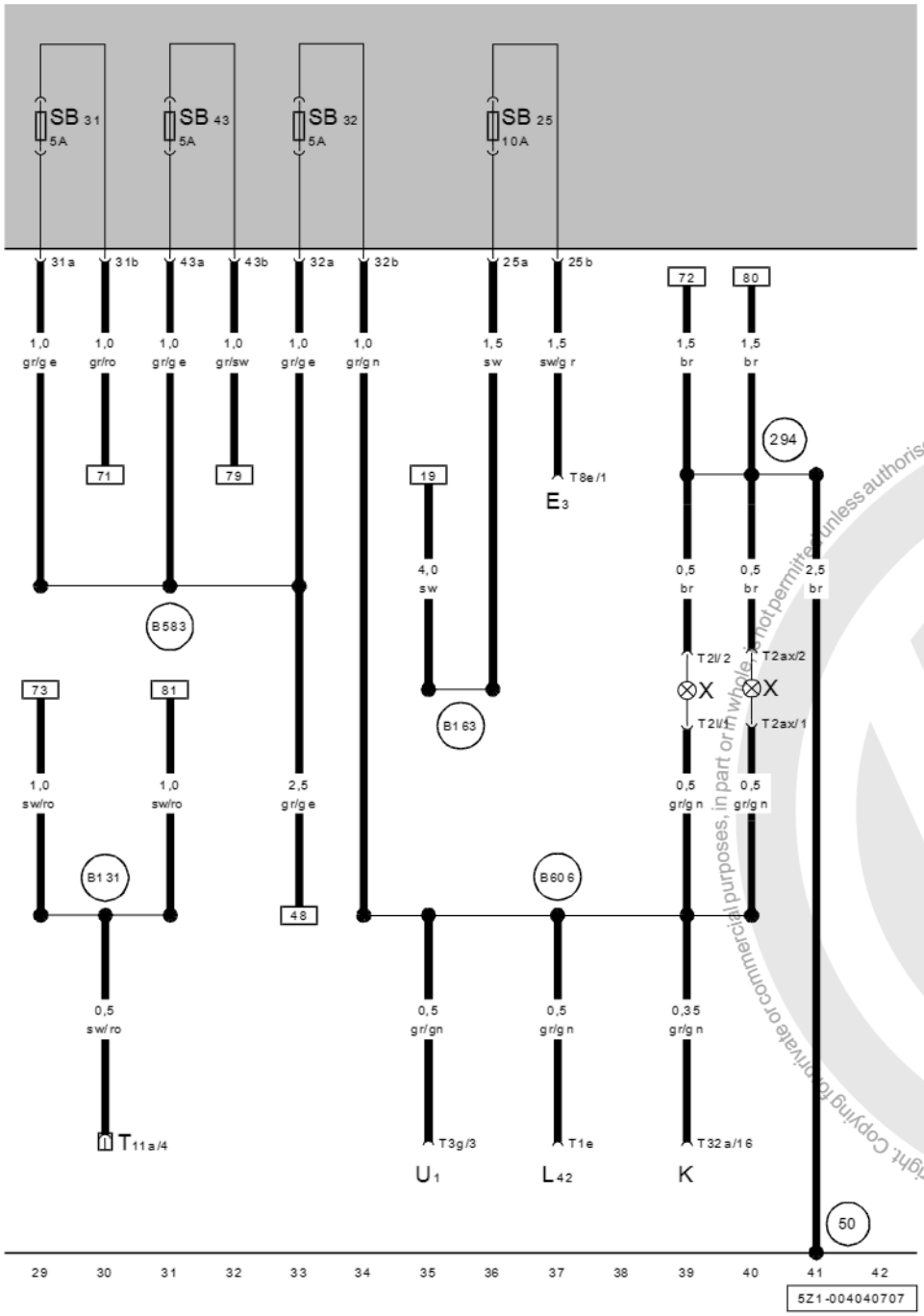


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Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T9j	9-pin connector, on fuel pump relay
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Number plate light

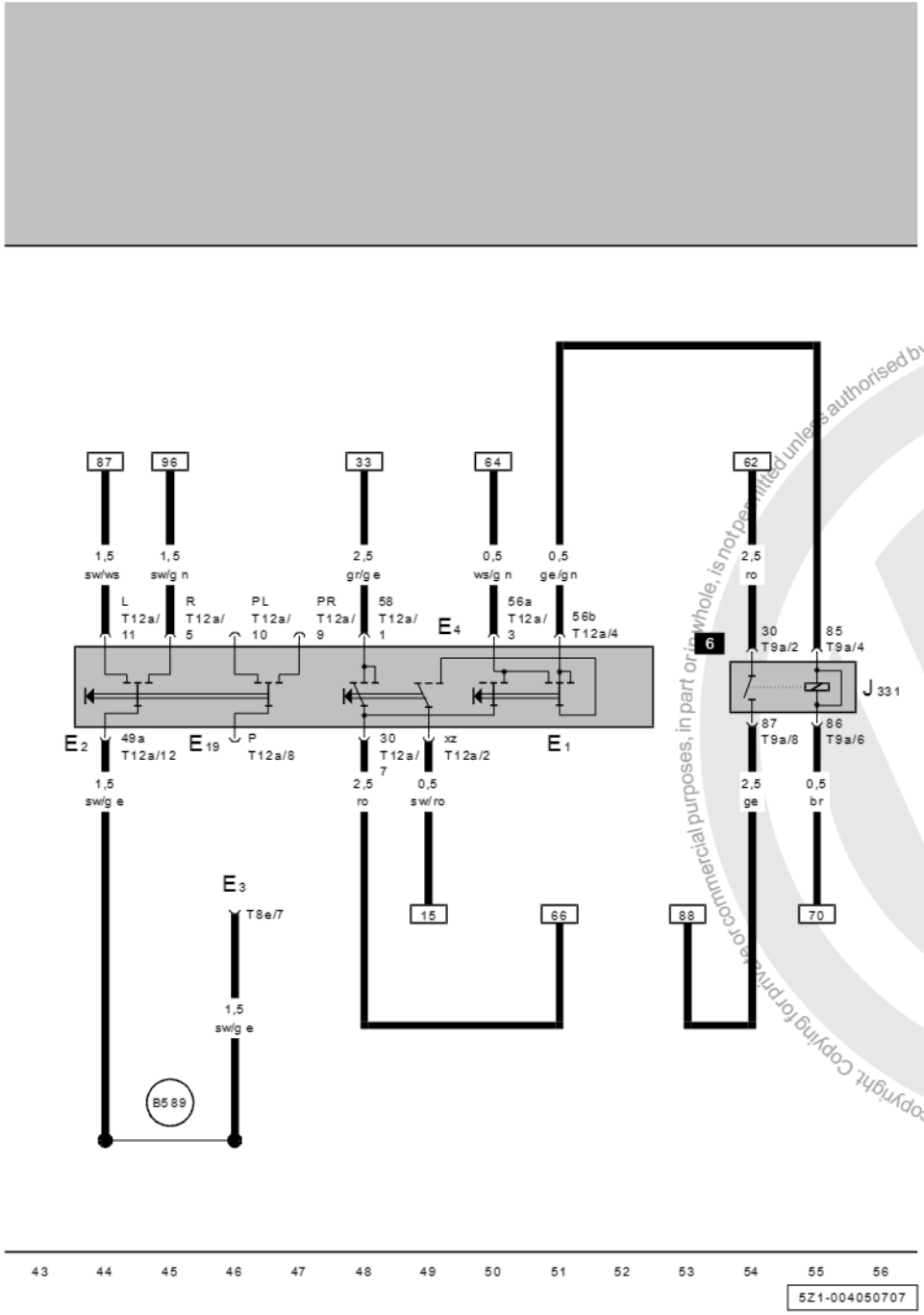
E3	Hazard warning light switch
K	Dash panel insert
L42	Socket illumination bulb
SB25	Fuse 25 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB43	Fuse 43 on fuse holder B
T1e	Single pin connector, on socket illumination bulb
T2ax	2-pin connector, on number plate light
T2l	2-pin connector, on number plate light
T3g	3-pin connector, on cigarette lighter
T8e	8-connector, on hazard warning light switch
T11a	11-pin connector, red, in left engine compartment
T32a	32-pin connector, on dash panel insert
U1	Cigarette lighter
X	Number plate light
50	Earth points, on left in luggage compartment
294	Earth connection 9, in interior wiring harness
B131	Connection (54), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B606	Connection 2, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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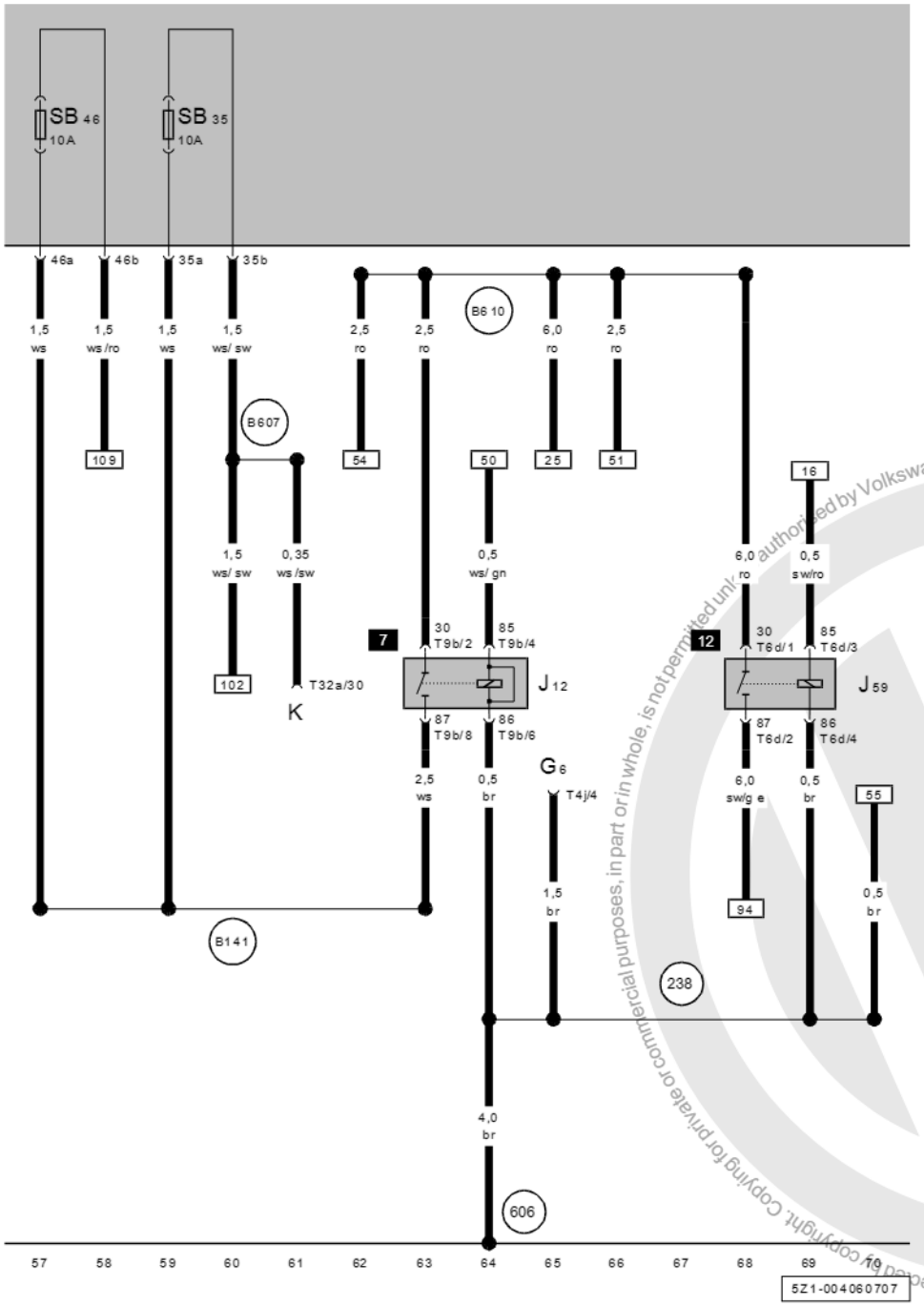
Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, dipped beam relay

E1	Light switch
E2	Turn signal switch
E3	Hazard warning light switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J331	Dipped beam relay
T8e	8-connector, on hazard warning light switch
T9a	9-pin connector, on dipped beam relay
T12a	12-pin connector, on light switch
B589	Connection (49a), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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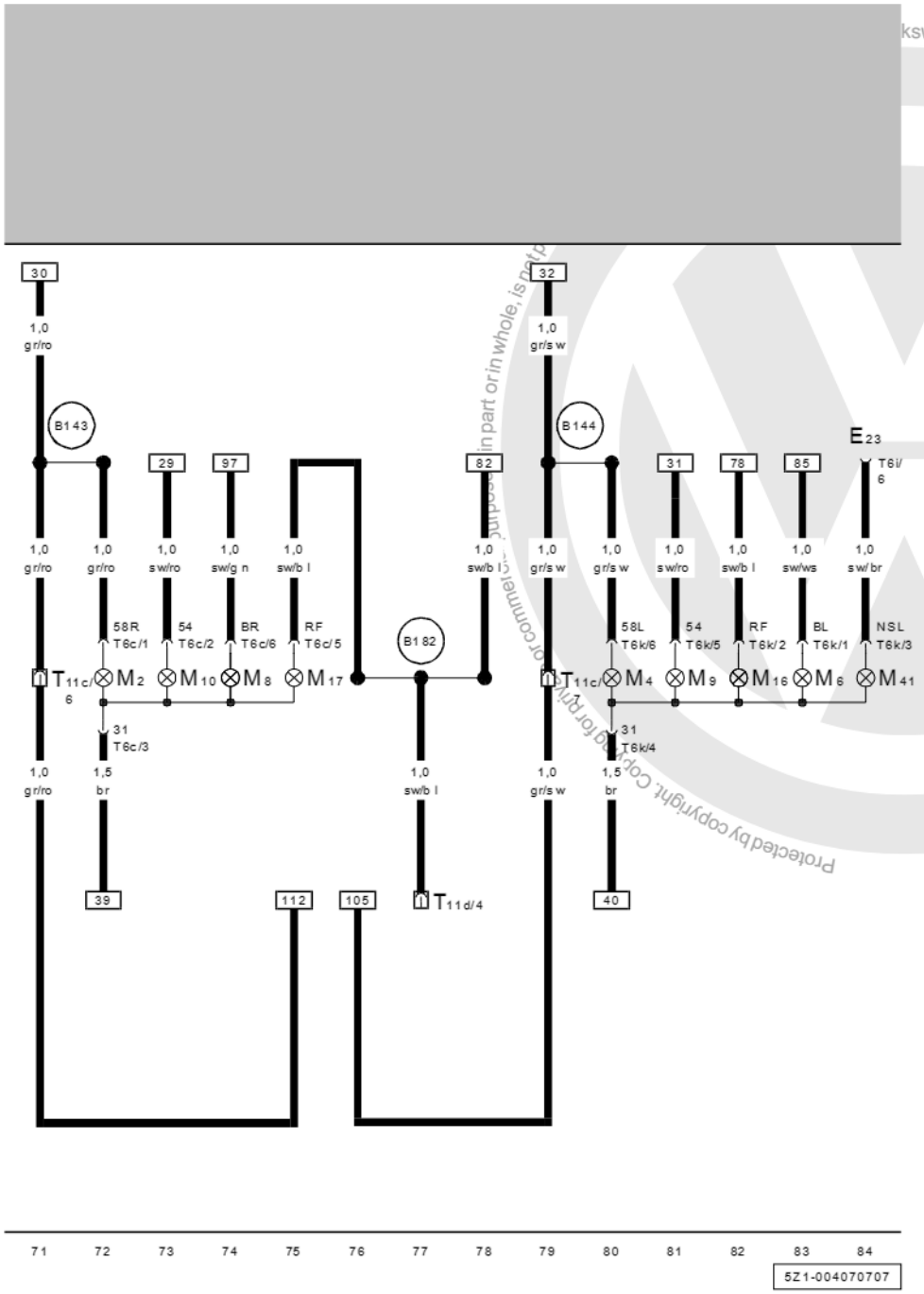


Headlight main beam relay, X-contact relief relay

G6	Fuel system pressurisation pump
J12	Headlight main beam relay
J59	X-contact relief relay
K	Dash panel insert
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T4j	4-pin connector, under right seat bench
T6d	6-pin connector, on X-contact relief relay
T9b	9-pin connector, on headlight main beam relay
T32a	32-pin connector, on dash panel insert
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B141	Positive connection 1 (56a), in interior wiring harness
B607	Connection 3, in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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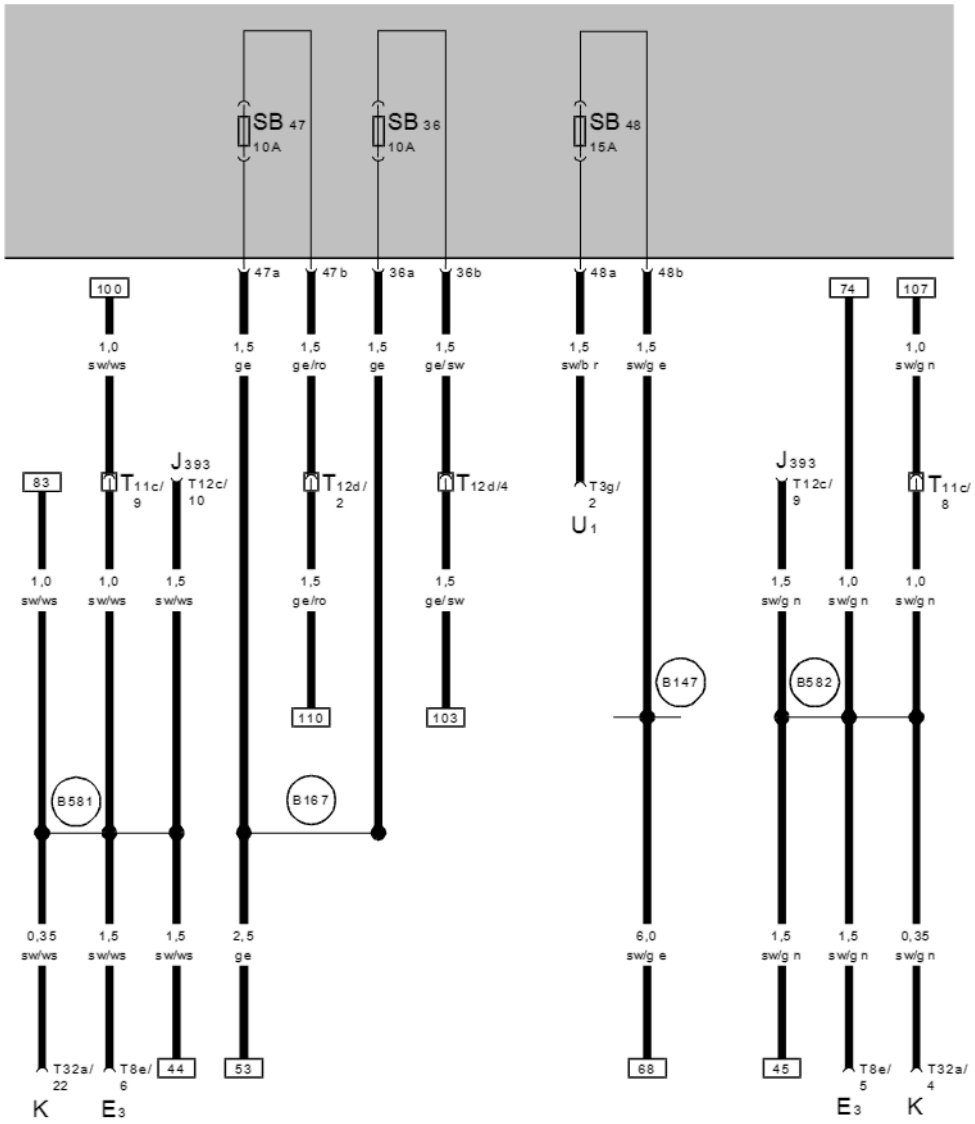


Right tail light bulb, left tail light bulb, left brake light bulb, right brake light bulb, left reversing light bulb, right reversing light bulb

E23	Front and rear fog light switch
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M41	Left tail light and rear fog light bulb
T6c	6-pin connector, on the rear right turn signal bulb
T6i	6-pin connector, on front and rear fog light switch
T6k	6-pin connector, on the rear left turn signal bulb
T11c	11-pin connector, green, in left engine compartment
T11d	11-pin connector, brown, in left engine compartment
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B182	Connection (RL), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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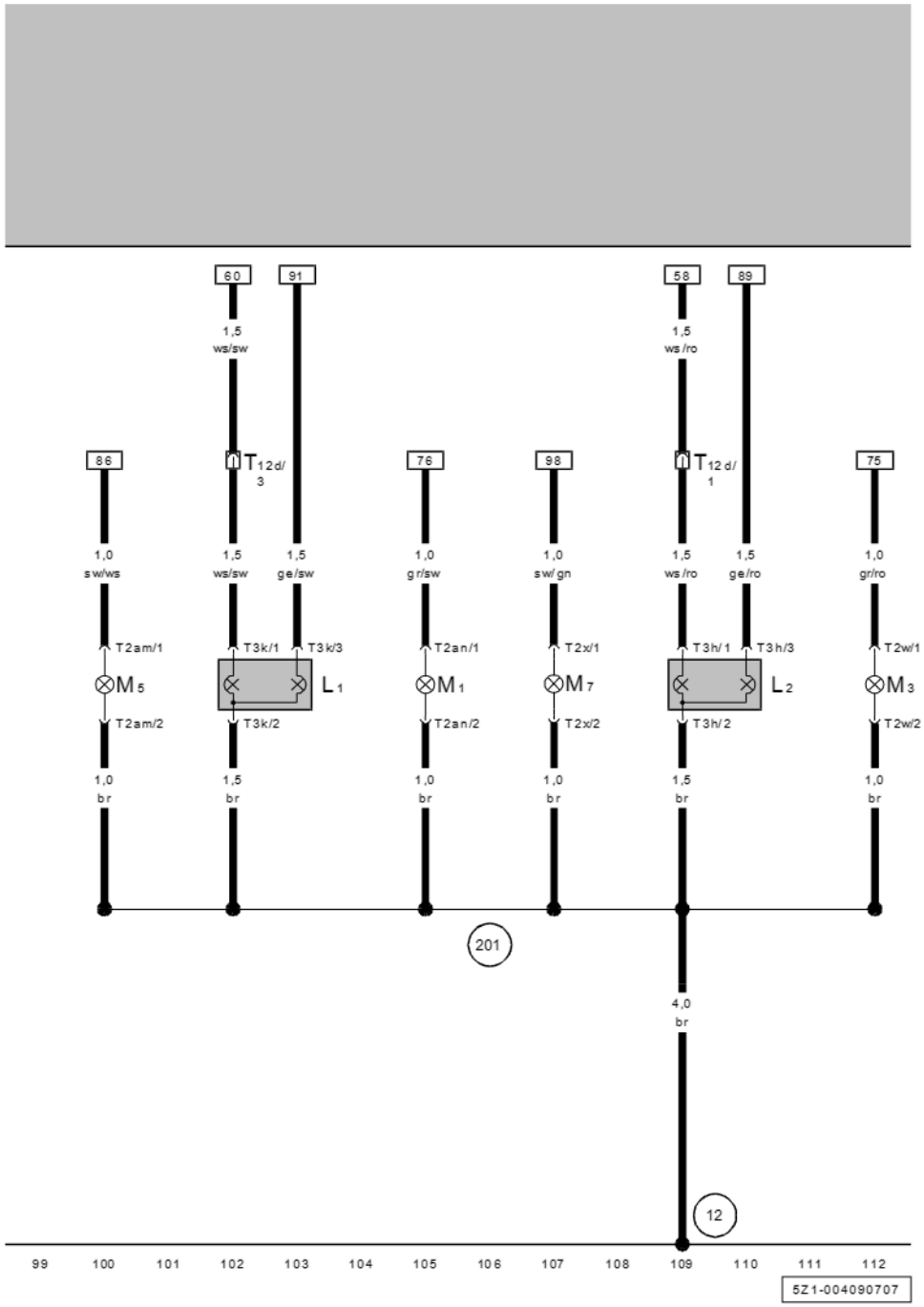


Fuses

E3	Hazard warning light switch
J393	Convenience system central control unit
K	Dash panel insert
SB36	Fuse 36 on fuse holder B
SB47	Fuse 47 on fuse holder B
SB48	Fuse 48 on fuse holder B
T3g	3-pin connector, on cigarette lighter
T8e	8-connector, on hazard warning light switch
T11c	11-pin connector, green, in left engine compartment
T12c	12-pin connector, on convenience system central control unit
T12d	12-pin connector, white, in left engine compartment
T32a	32-pin connector, on dash panel insert
U1	Cigarette lighter
B147	Positive connection 2 (87), in interior wiring harness
B167	Connection (56b), in interior wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness
B582	Positive connection (right indicator lamp), interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Left headlight twin filament bulb/left sealed beam insert, right headlight twin filament bulb/right sealed beam insert, front left side marker bulb, front right side marker bulb

L1	Left headlight twin filament bulb/left sealed beam insert
L2	Right headlight twin filament bulb/right sealed beam insert
M1	Front left side marker bulb
M3	Front right side marker bulb
M5	Front left turn signal bulb
M7	Front right turn signal bulb
T2am	2-pin connector, on the front left turn signal bulb
T2an	2-pin connector, on the front left side marker bulb
T2w	2-pin connector, on the front right side marker bulb
T2x	2-pin connector, on the front right turn signal bulb
T3h	3-pin connector, on right headlight twin filament bulb/right sealed beam insert
T3k	3-pin connector, on left headlight twin filament bulb/left sealed beam insert
T12d	12-pin connector, white, in left engine compartment
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness

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1.6 l/74 kW Motronic, engine code BAH

from October 2003 up to April 2007

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

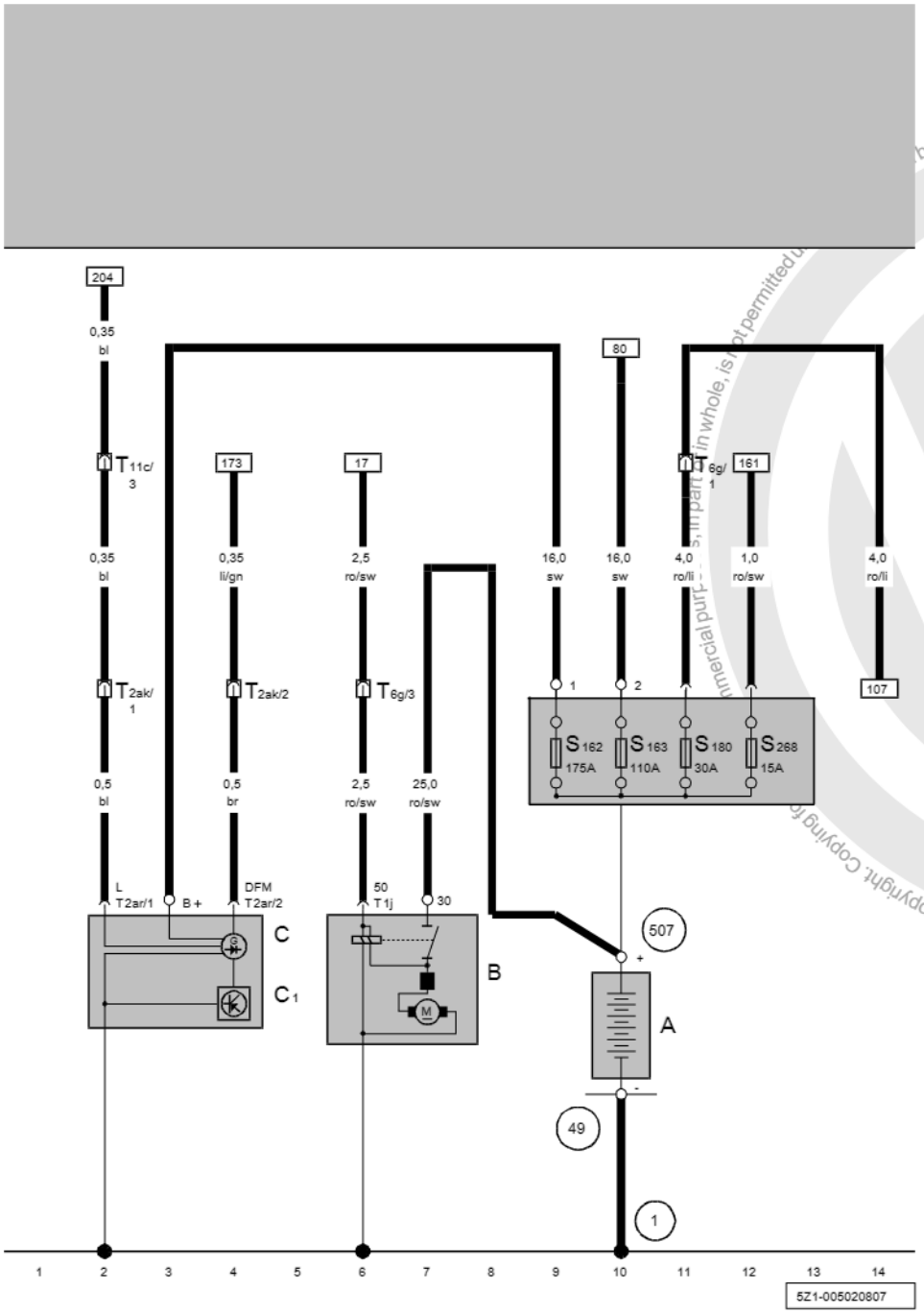
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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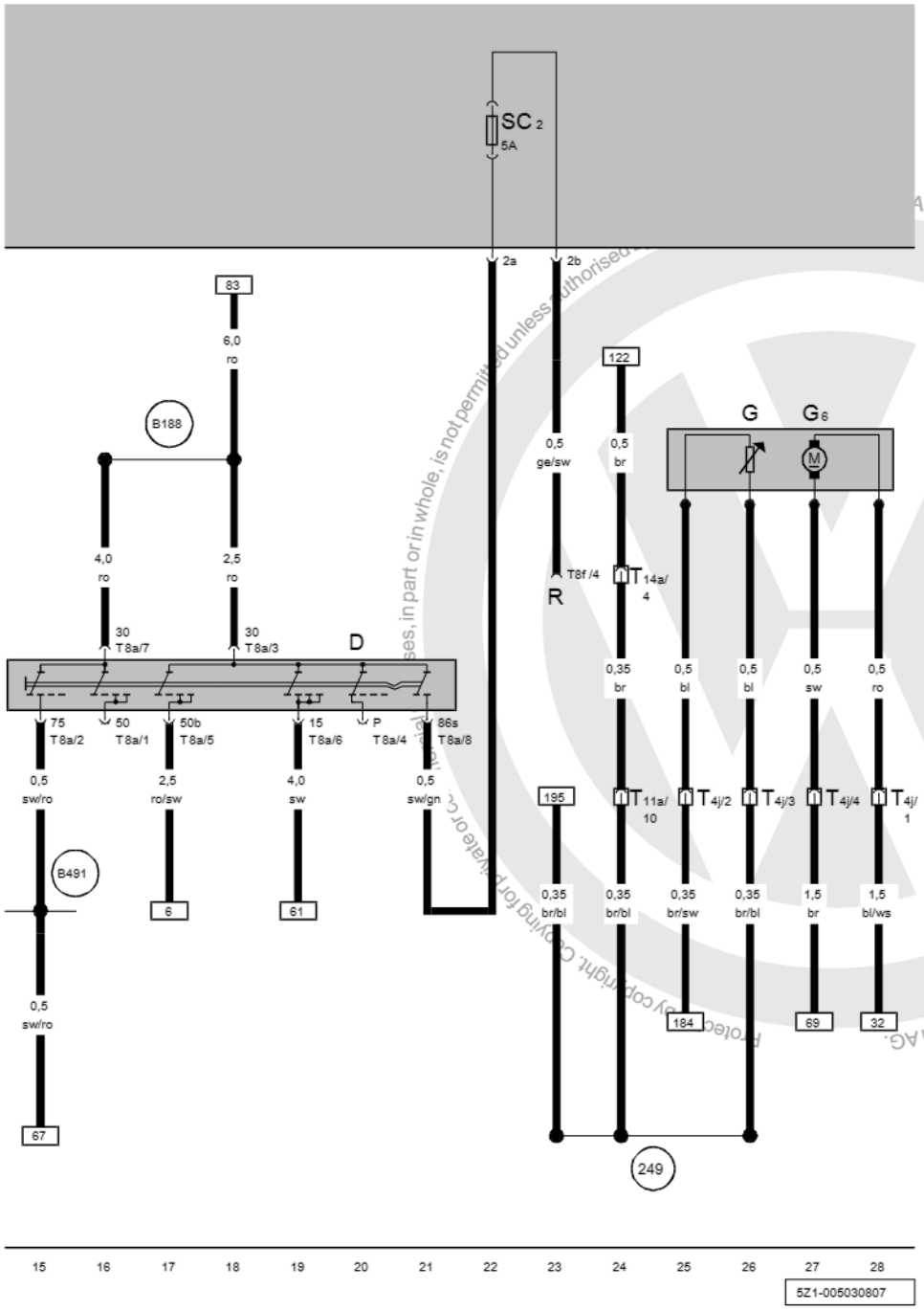


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
S268	Fuse 10 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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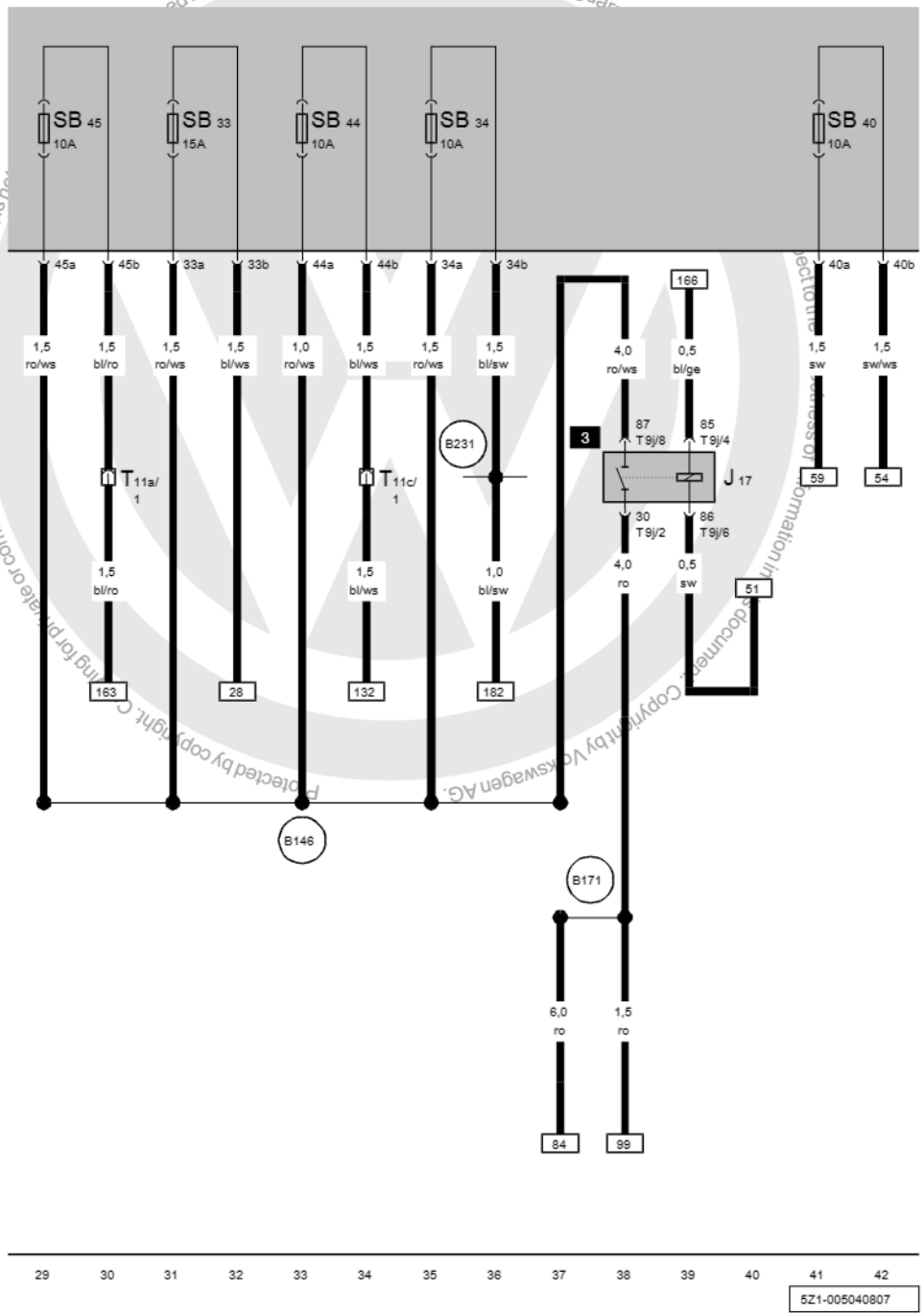


Ignition/starter switch, fuel gauge sender, fuel system pressurisation pump

D	Ignition/starter switch
G	Fuel gauge sender
G6	Fuel system pressurisation pump
R	Radio
SC2	Fuse 2 on fuse holder
T4j	4-pin connector, under right seat bench
T8a	8-connector, on ignition/starter switch
T8f	8-connector, on radio
T11a	11-pin connector, red, in left engine compartment
T14a	14-pin connector, in left engine compartment
249	Earth connection 2, in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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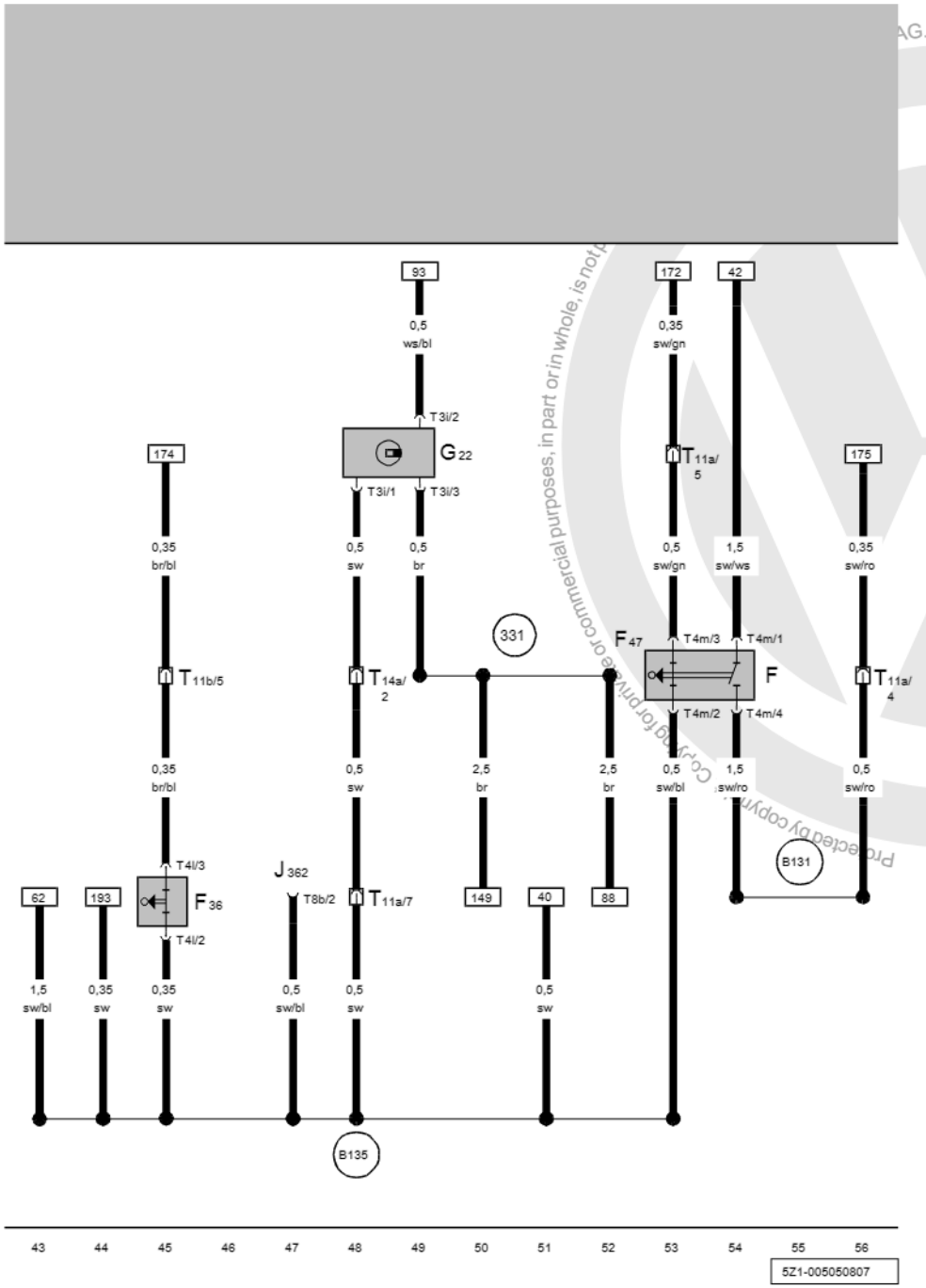


Fuel pump relay

J17	Fuel pump relay
SB33	Fuse 33 on fuse holder
SB34	Fuse 34 on fuse holder
SB40	Fuse 40 on fuse holder
SB44	Fuse 44 on fuse holder
SB45	Fuse 45 on fuse holder
T9j	9-pin connector, on fuel pump relay
T11a	11-pin connector, red, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
B146	Positive connection 1 (87), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness
B231	Positive connection 5 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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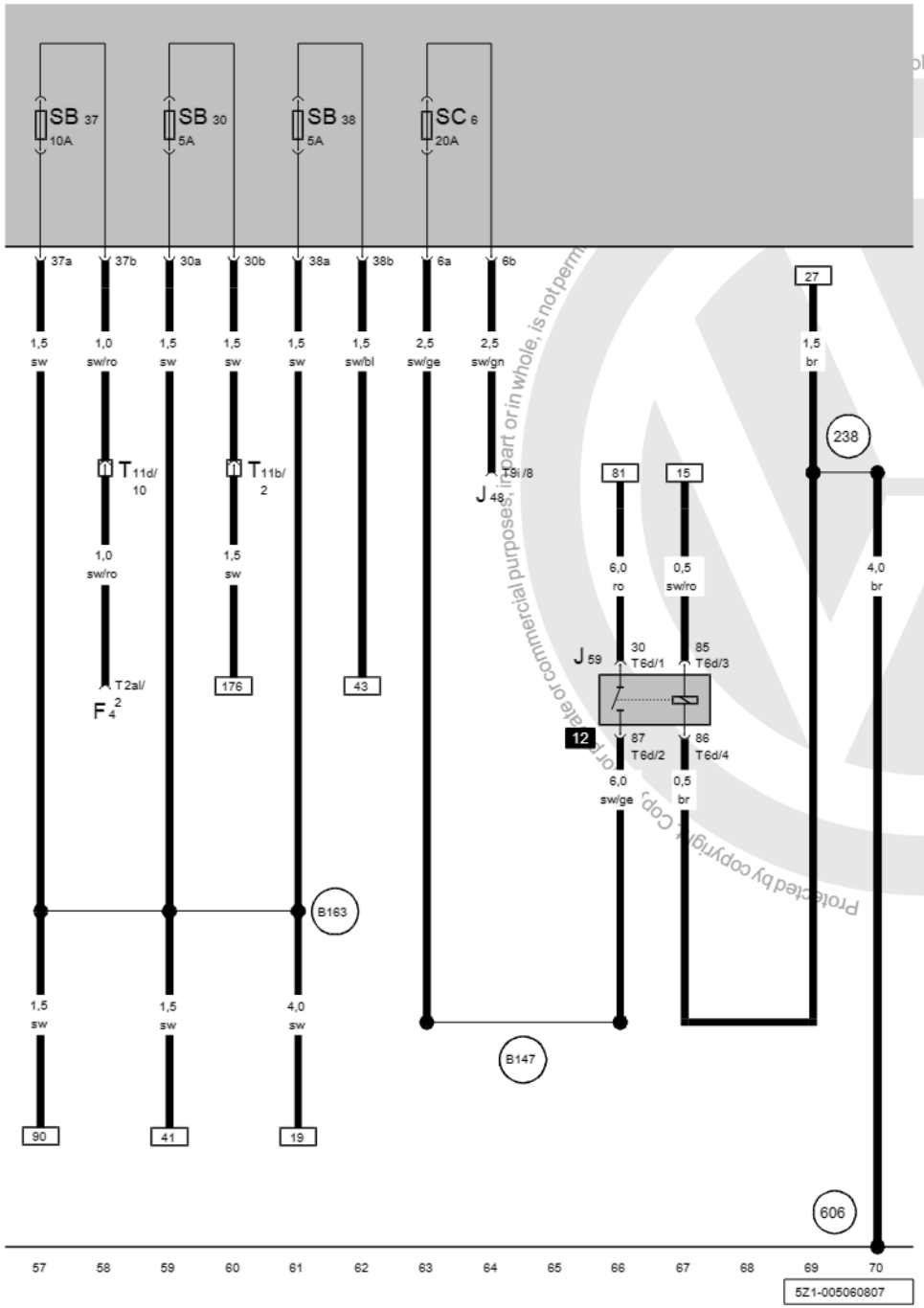


Brake light switch, clutch pedal switch, brake pedal switch, speedometer sender

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
G22	Speedometer sender
J362	Immobilizer control unit
T3i	3-pin connector, on speedometer sender
T4i	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake light switch
T8b	8-pin connector, on immobilizer control unit
T11a	11-pin connector, red, in left engine compartment
T11b	11-pin connector, blue, in left engine compartment
T14a	14-pin connector, in left engine compartment
331	Earth connection, in injection system wiring harness
B131	Connection (54), in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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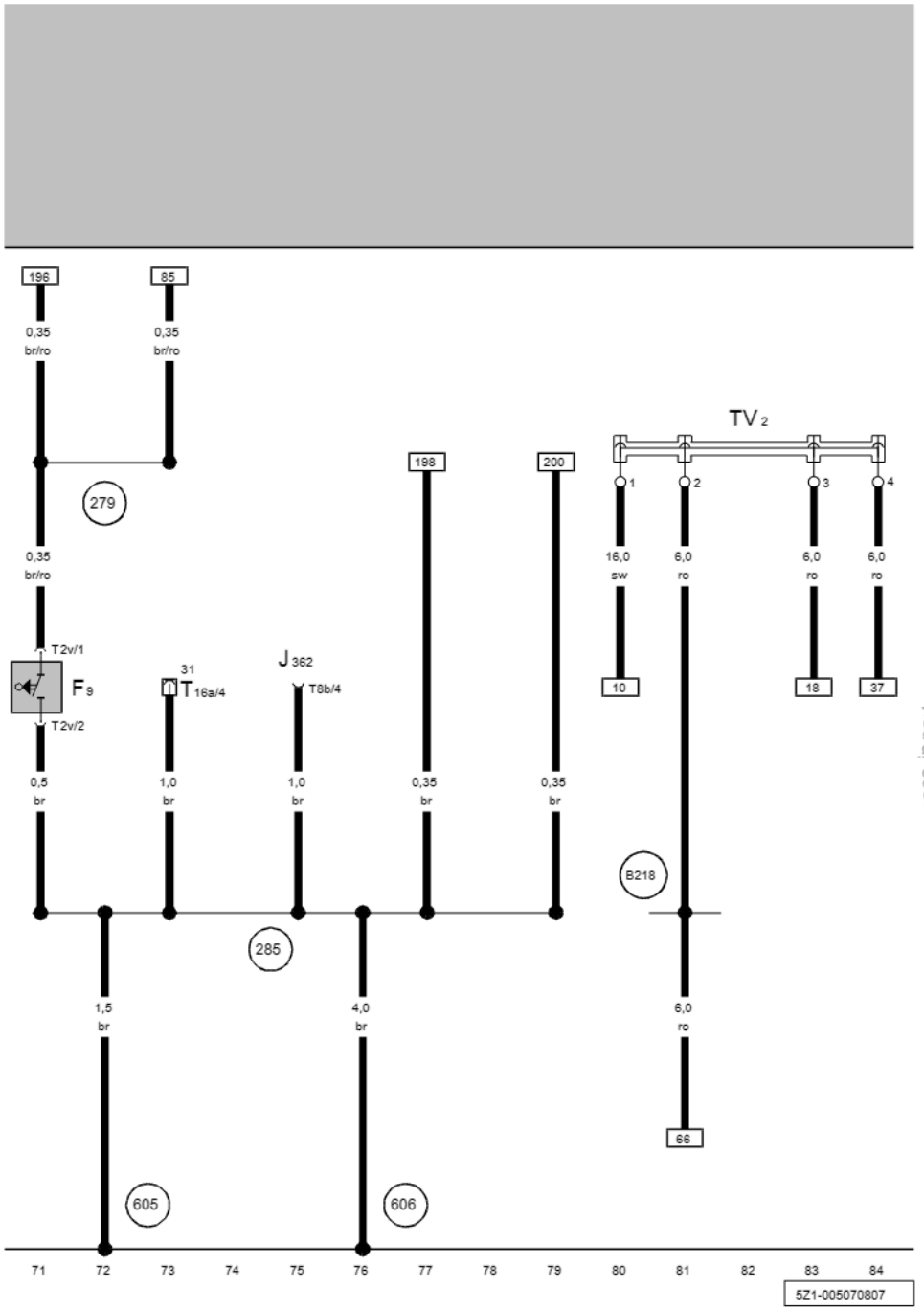


X-contact relief relay

F4	Reversing light switch
J48	Heated rear window control relay
J59	X-contact relief relay
SB30	Fuse 30 on fuse holder B
SB37	Fuse 37 on fuse holder B
SB38	Fuse 38 on fuse holder B
SC6	Fuse 6 on fuse holder C
T2al	2-pin connector, on reversing light switch
T6d	6-pin connector, on X-contact relief relay
T9i	9-pin connector, on heated rear window control relay
T11b	11-pin connector, blue, in left engine compartment
T11d	11-pin connector, brown, in left engine compartment
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B147	Positive connection 2 (87), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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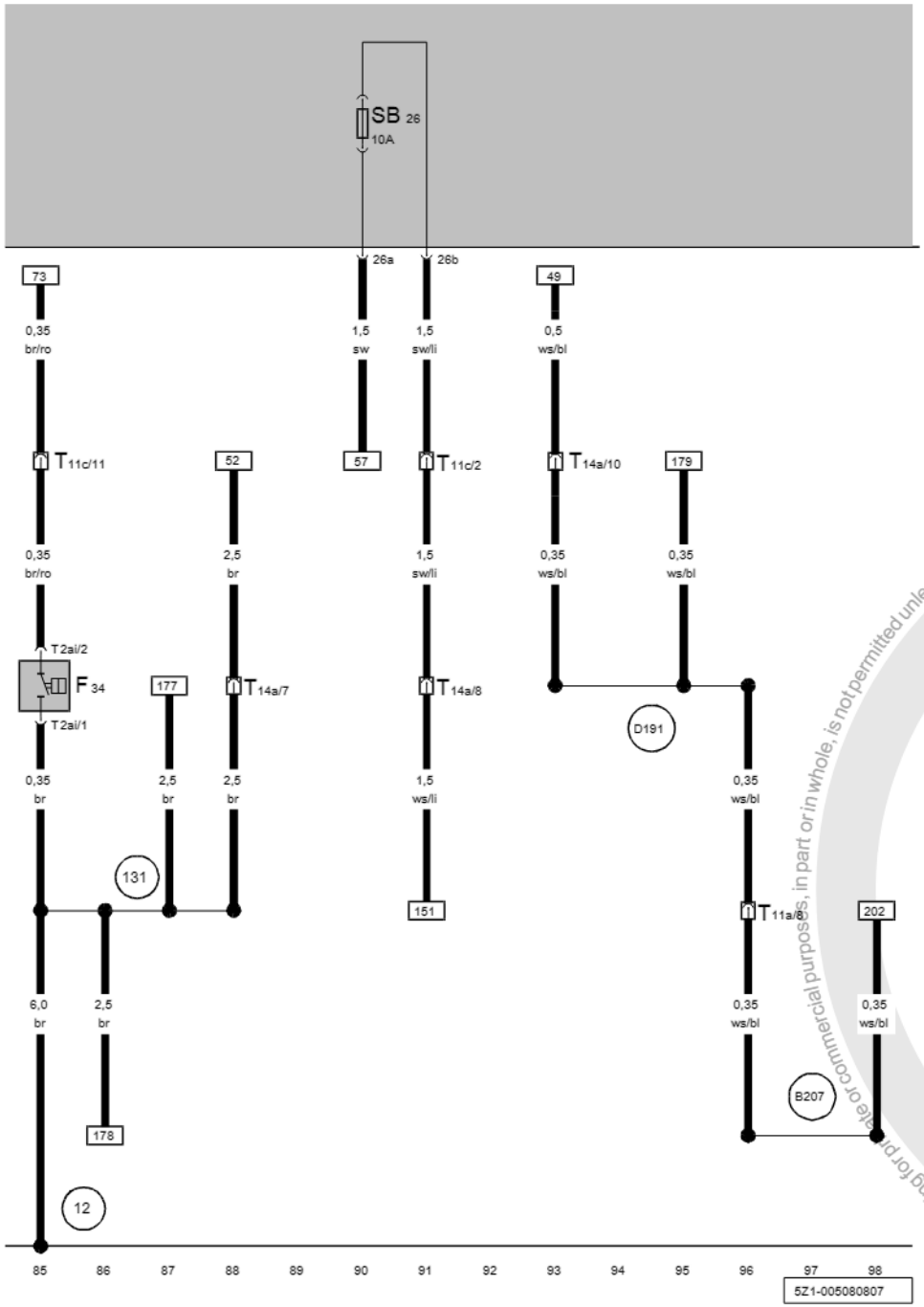


Handbrake warning switch, terminal 30 wiring junction

F9	Handbrake warning switch
J362	Immobilizer control unit
T2v	2-pin connector, on handbrake warning switch
T8b	8-pin connector, on immobilizer control unit
T16a	16-pin connector, on fuse holder
TV2	Terminal 30 wiring junction
279	Earth connection 5, in interior wiring harness
285	Earth connection 7, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near selector lever
B218	Positive connection 6 (30), in interior wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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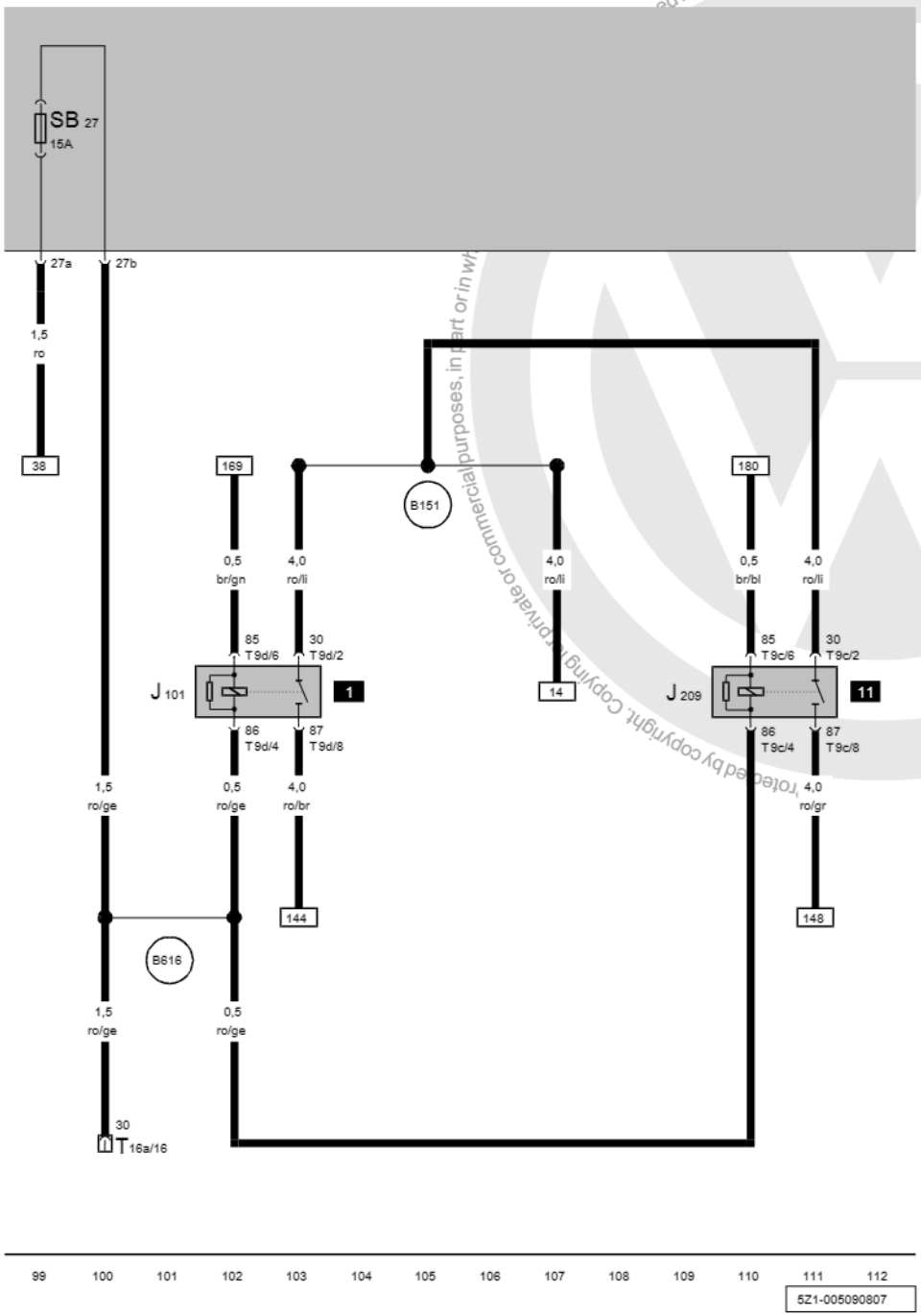


Brake fluid level warning contact

F34	Brake fluid level warning contact
SB26	Fuse 26 on fuse holder
T2ai	2-pin connector, on brake fluid level warning contact
T11a	11-pin connector, red, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T14a	14-pin connector, in left engine compartment
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
B207	Connection (convenience), in interior wiring harness
D191	Connection (speedometer sender), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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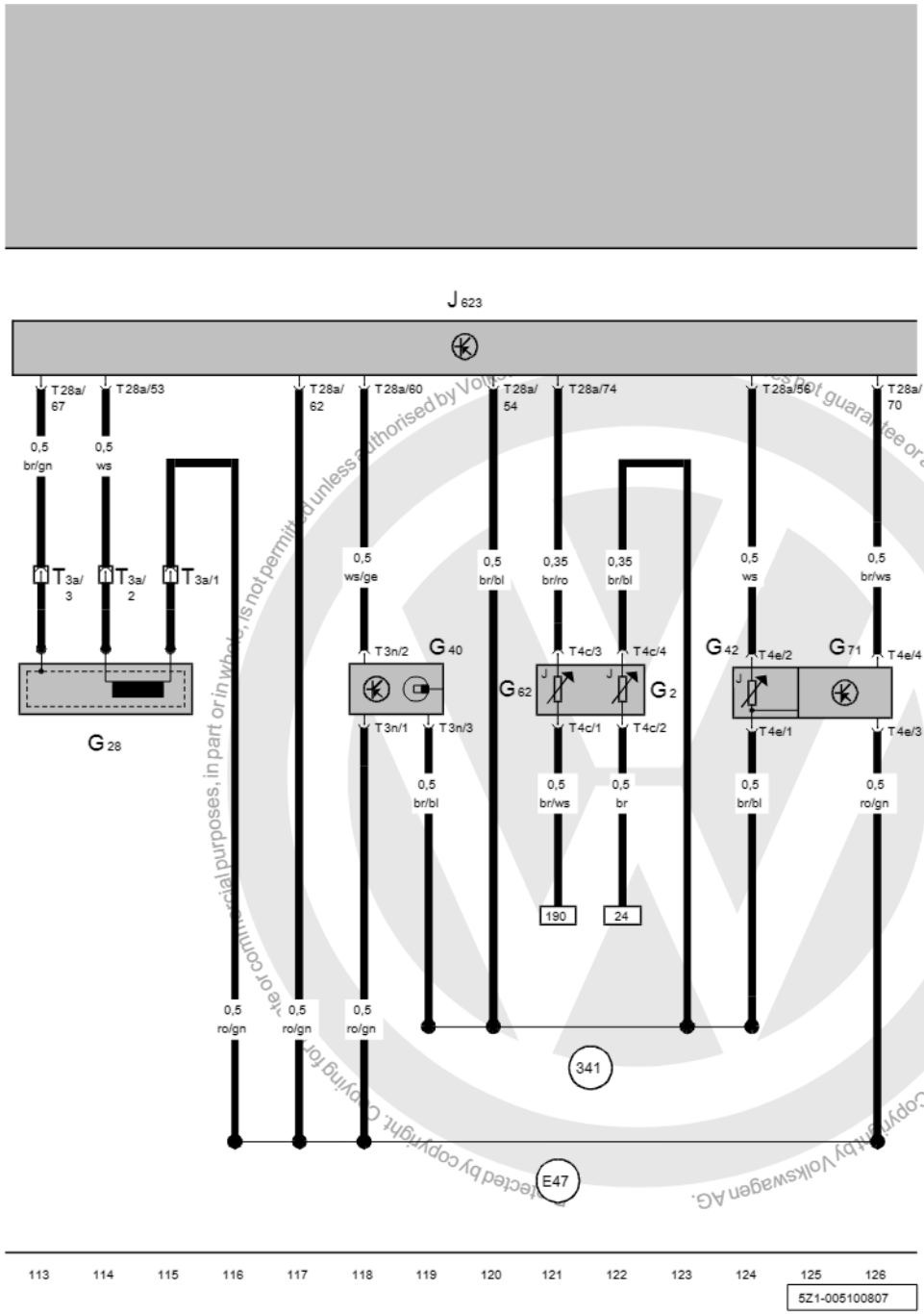


Radiator fan 2nd speed relay, fresh air blower and radiator fan relay

J101	Radiator fan 2nd speed relay
J209	Fresh air blower and radiator fan relay
SB27	Fuse 27 on fuse holder
T9c	9-pin connector, on fresh air blower and radiator fan relay
T9d	9-pin connector, on radiator fan 2nd speed relay
T16a	16-pin connector, on fuse holder
B151	Positive connection 3 (30a), in interior wiring harness
B616	Positive connection 12 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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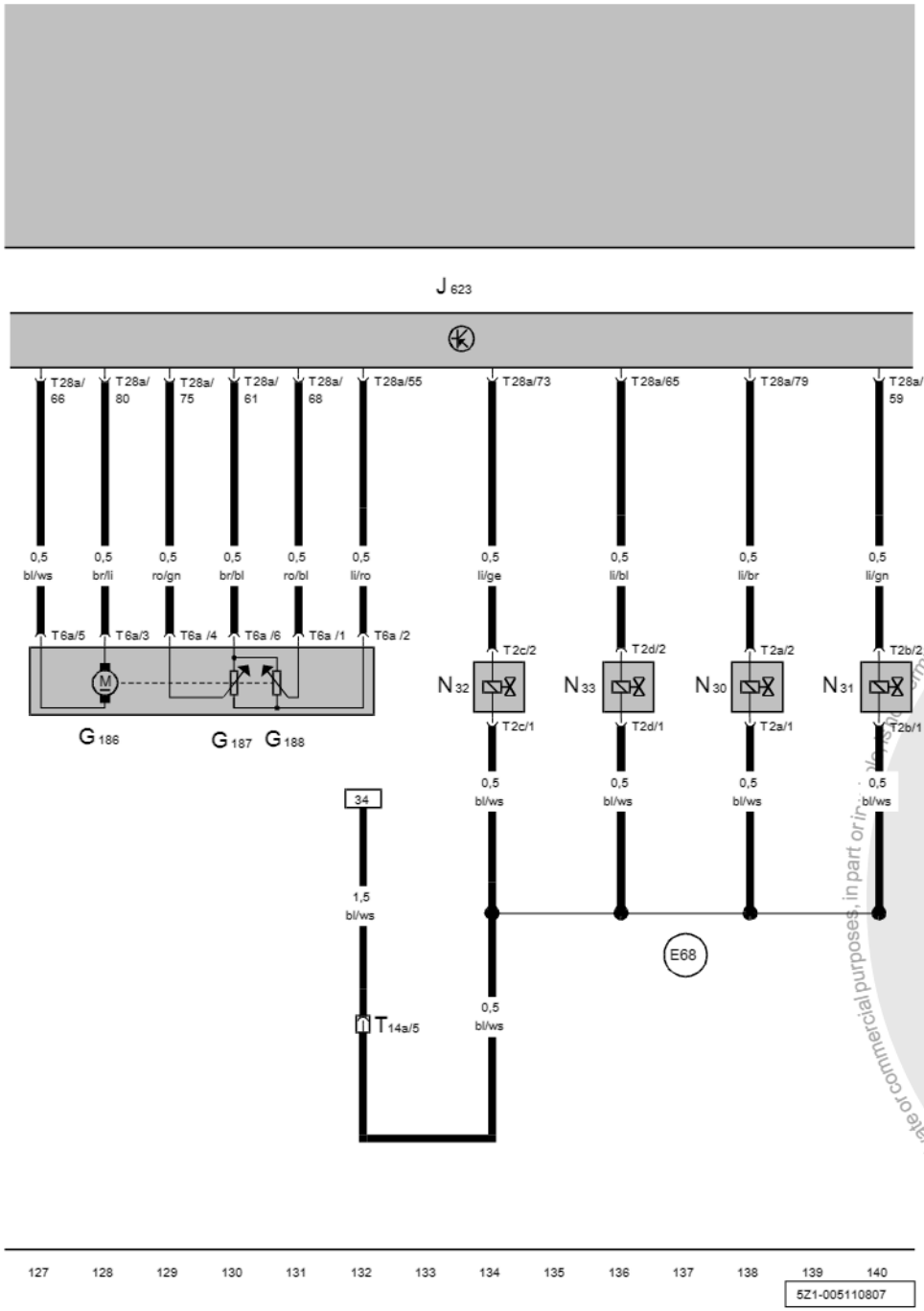


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Coolant temperature display sender, engine speed sender, Hall sender, intake air temperature sender, coolant temperature display sender

G2	Coolant temperature display sender
G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G62	Coolant temperature display sender
G71	Intake manifold pressure sender
J623	Engine control unit
T3a	3-pin connector, in right engine compartment
T3n	3-pin connector, on Hall sender
T4c	4-pin connector, on coolant temperature display sender
T4e	4-pin connector, on intake air temperature sender
T28a	28-pin connector, on engine control unit
341	Earth connection 3, in injection system wiring harness
E47	Positive connection 2 (5 Volt), in injection system wiring harness

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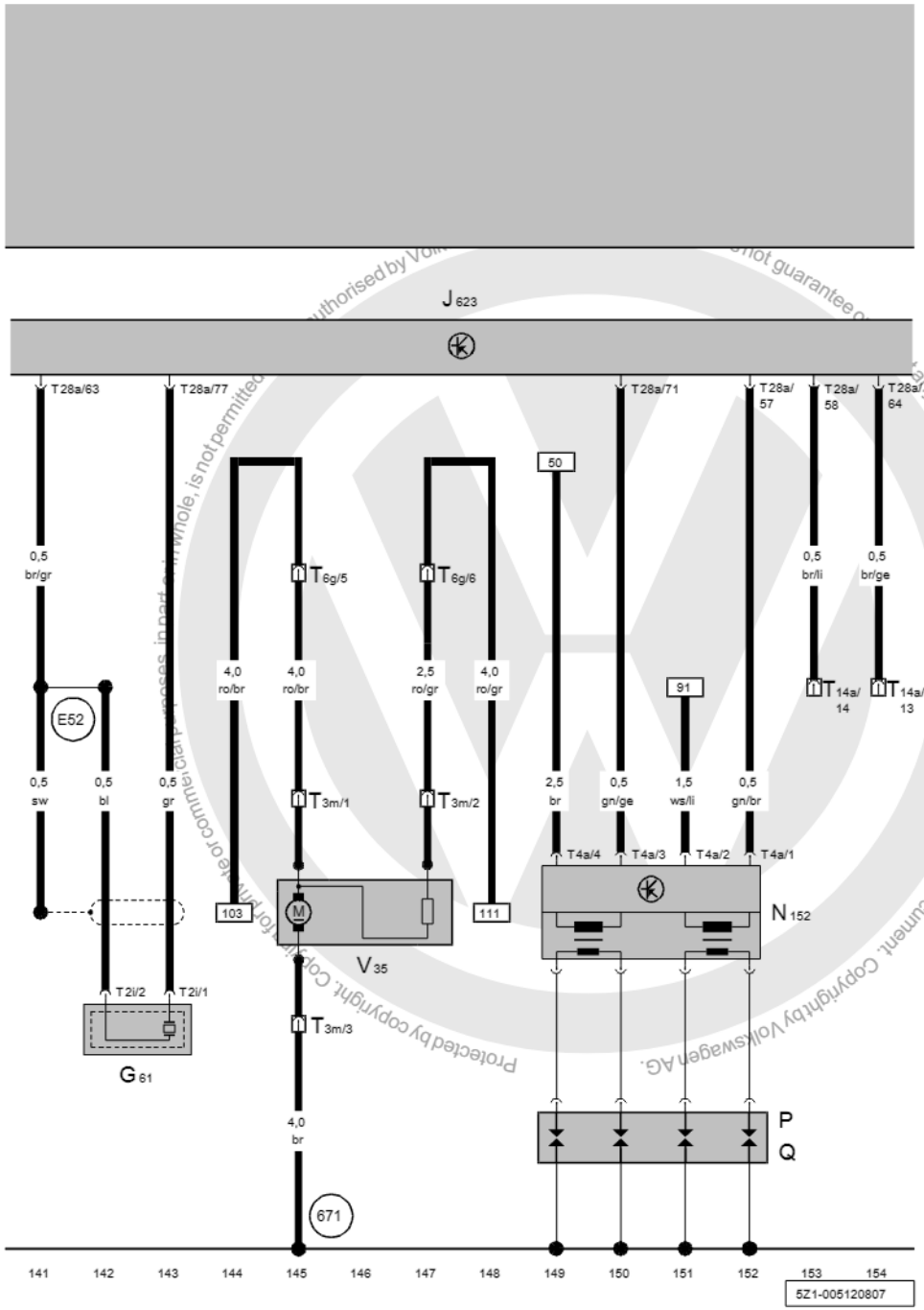


Throttle valve drive for electric throttle (EPC), throttle valve drive angle sender 1 for electric throttle (EPC), injector, cylinder 1, injector, cylinder 2, injector, cylinder 3, injector, cylinder 4

G186	Throttle valve drive for electric throttle (EPC)
G187	Throttle valve drive angle sender 1 for electric throttle (EPC)
G188	Throttle valve drive angle sender 2 for electric throttle (EPC)
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2a	2-pin connector, on injector, cylinder 1
T2b	2-pin connector, on injector, cylinder 2
T2c	2-pin connector, on injector, cylinder 3
T2d	2-pin connector, on injector, cylinder 4
T6a	6-pin connector, on throttle valve drive for electric throttle (EPC)
T14a	14-pin connector, in left engine compartment
T28a	28-pin connector, on engine control unit
E68	Connection 2 (87a), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Knock sensor 1, engine control unit, ignition transformer, spark plug connector, spark plugs, right radiator fan

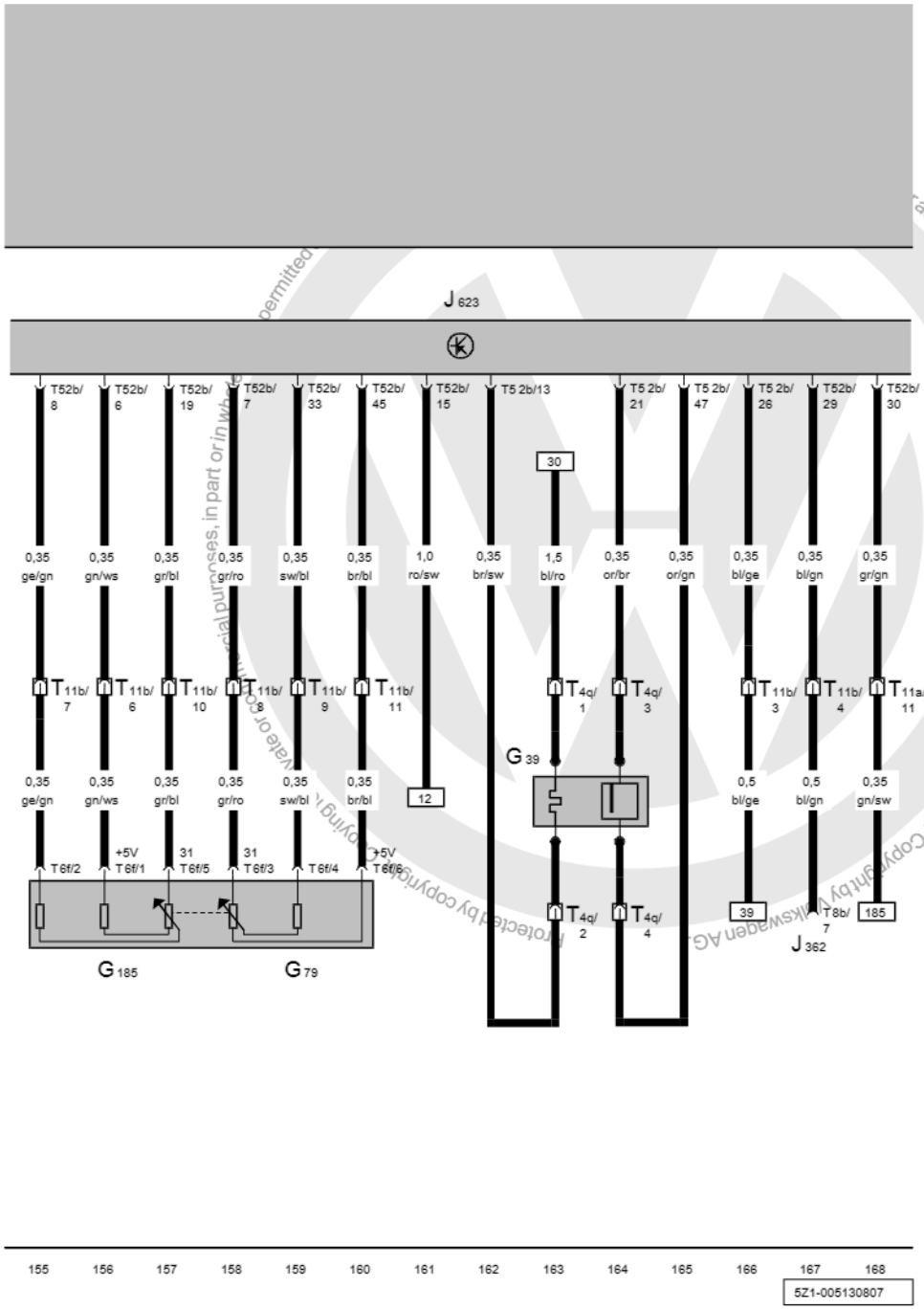
G61	Knock sensor 1
J623	Engine control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plugs
T2i	2-pin connector, on knock sensor 1
T3m	3-pin connector, in front left engine compartment
T4a	4-pin connector, on ignition transformer
T6g	6-pin connector, grey, in left engine compartment
T14a	14-pin connector, in left engine compartment
T28a	28-pin connector, on engine control unit
V35	Right radiator fan
671	Earth point 1, on front of left longitudinal member
E52	Connection (screening), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Lambda probe, accelerator position sender, accelerator position sender 2, engine control unit

G39	Lambda probe
G79	Accelerator position sender
G185	Accelerator position sender 2
J362	Immobilizer control unit
J623	Engine control unit
T4q	4-pin connector, in front engine compartment
T6f	6-pin connector, on accelerator position sender
T8b	8-pin connector, on immobilizer control unit
T11a	11-pin connector, red, in left engine compartment
T11b	11-pin connector, blue, in left engine compartment
T52b	52-pin connector, on engine control unit

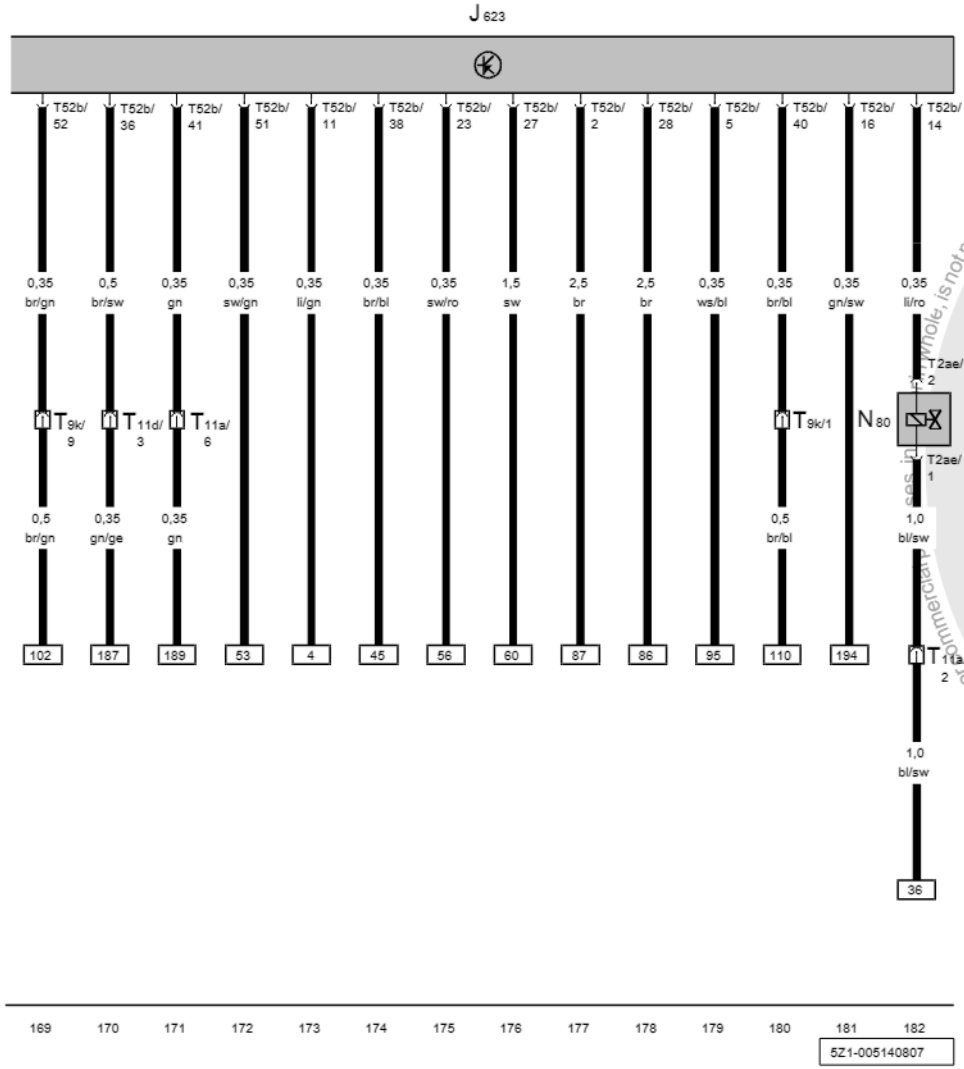


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gn	=	green
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ge	=	yellow
or	=	orange
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Engine control unit, activated charcoal filter system solenoid valve 1

J623	Engine control unit
N80	Activated charcoal filter system solenoid valve 1
T2ae	2-pin connector, on active charcoal filter system solenoid valve 1
T9k	9-pin connector, yellow, in left engine compartment
T11a	11-pin connector, red, in left engine compartment
T11d	11-pin connector, brown, in left engine compartment
T52b	52-pin connector, on engine control unit

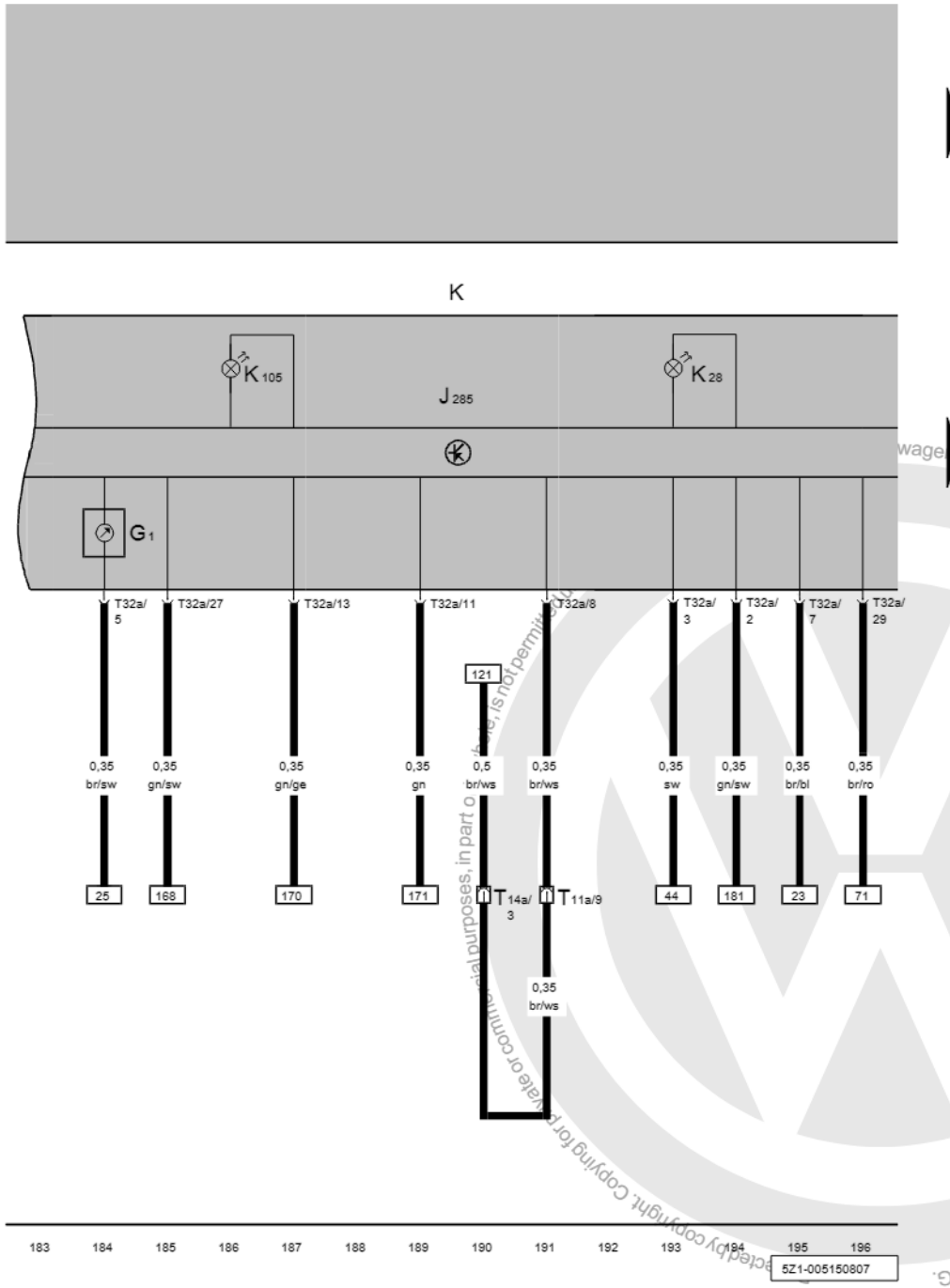


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
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vi = purple
ge = yellow
or = orange
rs = pink

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Fuel gauge, control unit in dash panel insert, coolant temperature and coolant shortage warning lamp, reserve fuel warning lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
K	Dash panel insert
K28	Coolant temperature and coolant shortage warning lamp
K105	Reserve fuel warning lamp
T11a	11-pin connector, red, in left engine compartment
T14a	14-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert

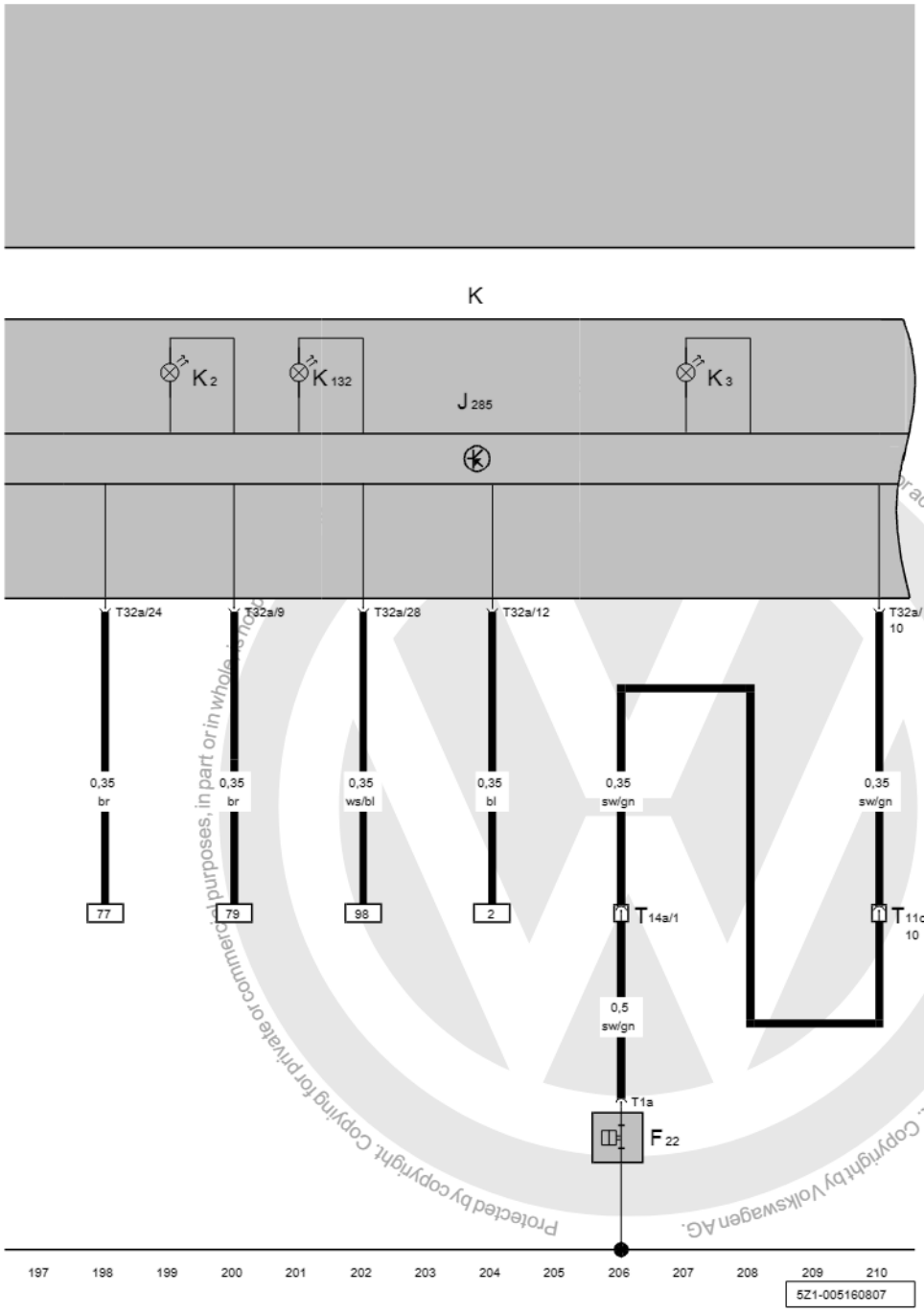


ws = white
sw = black
ro = red
rt = red
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bl = blue
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Oil pressure switch, dash panel insert, alternator warning lamp, oil pressure warning lamp, electronic power control fault lamp

F22	Oil pressure switch
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K132	Electric power control fault lamp
T1a	Single pin connector, on oil pressure switch
T11c	11-pin connector, green, in left engine compartment
T14a	14-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert



ws = white
sw = black
ro = red
rt = red
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1.0 l - 4BV/ 52 kW, engine code AQZ

from September 2003 up to April 2007

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

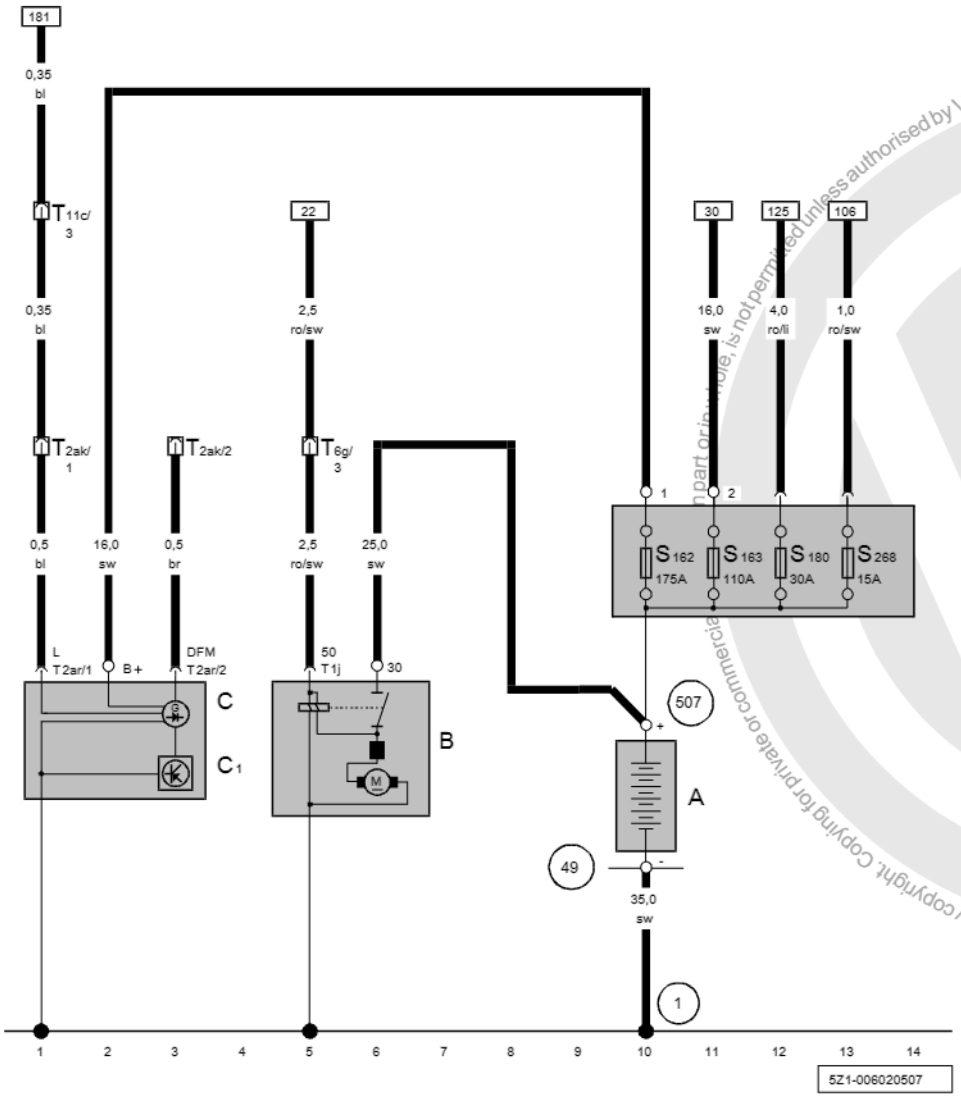
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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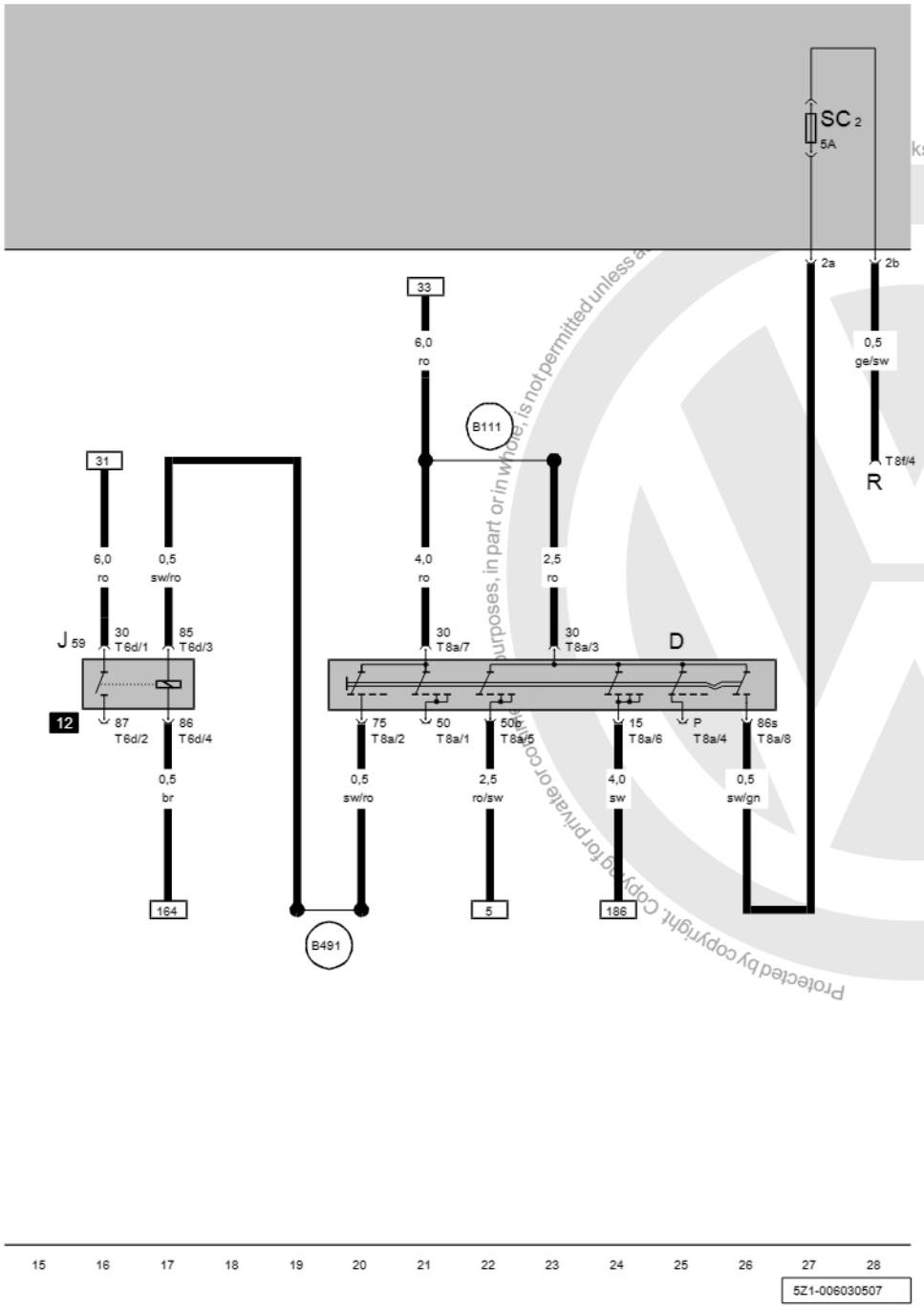


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
S268	Fuse 10 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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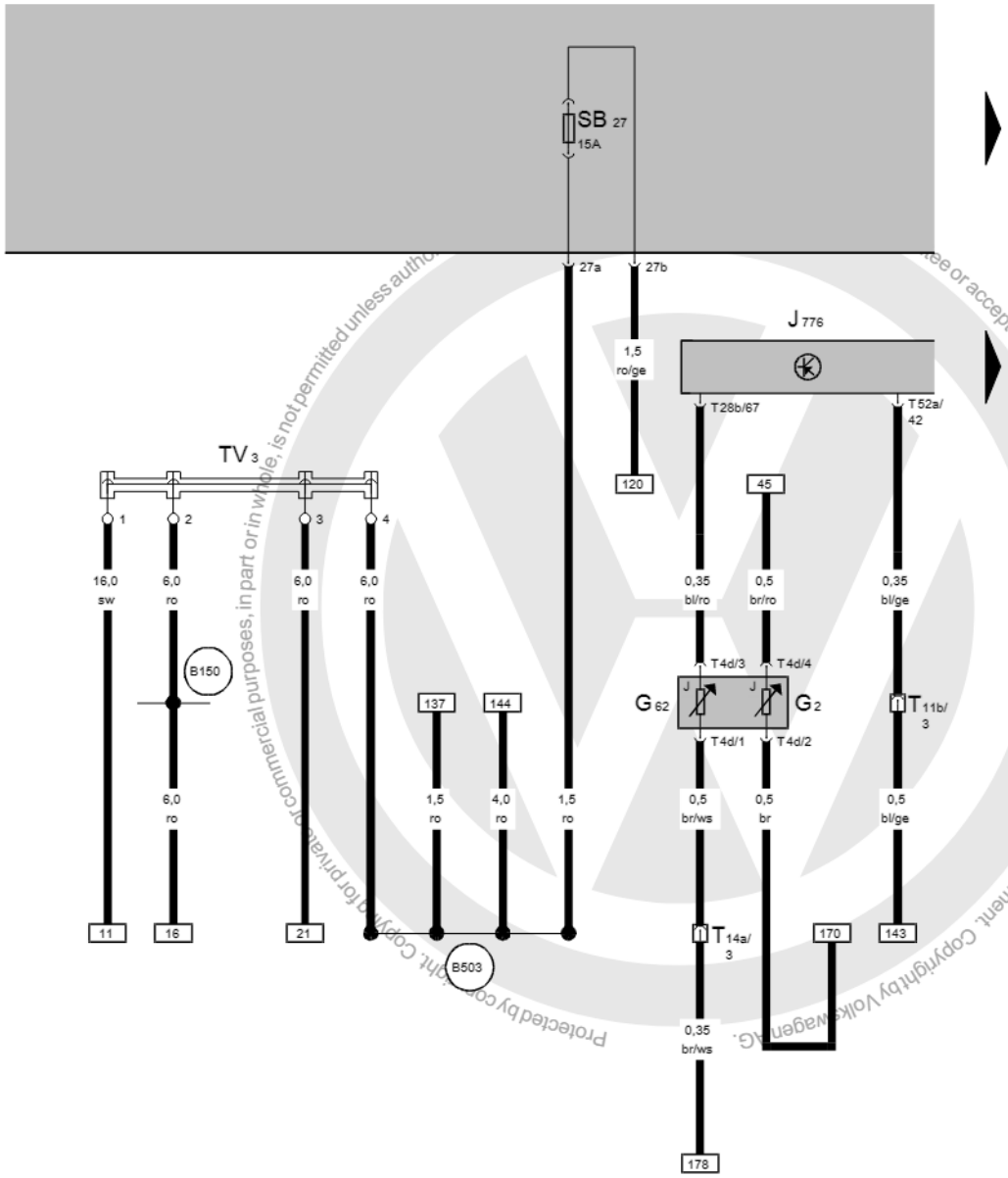


Ignition/starter switch, X-contact relief relay

D	Ignition/starter switch
J59	X-contact relief relay
R	Radio
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
T8f	8-connector, on radio
B111	Positive connection 1 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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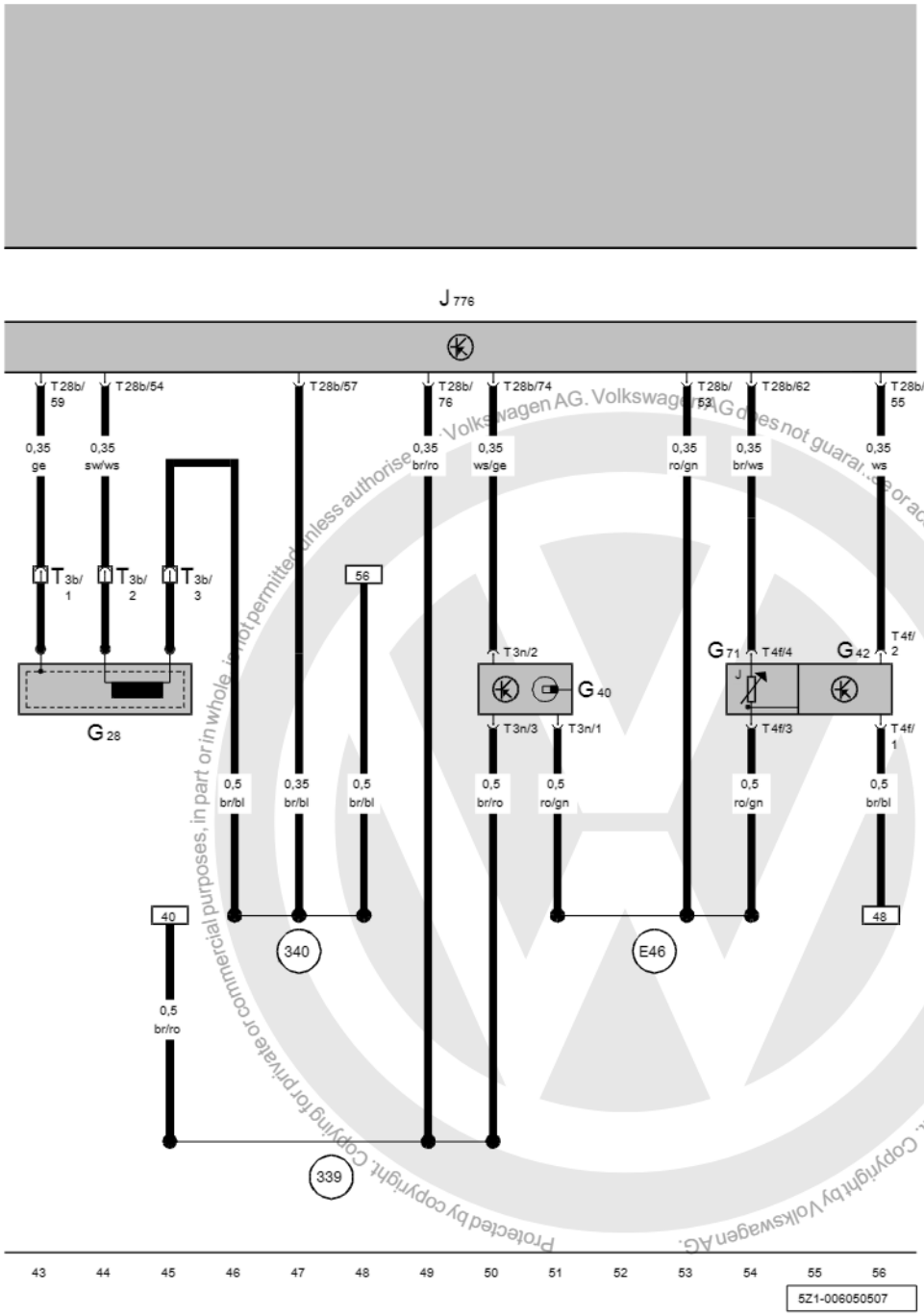


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Coolant temperature display sender, coolant temperature sender, 4MV injection system control unit control unit, terminal 30a wiring junction

G2	Coolant temperature display sender
G62	Coolant temperature display sender
J776	4MV injection system control unit control unit
SB27	Fuse 27 on fuse holder B
T4d	4-pin connector, on coolant temperature display sender
T11b	11-pin connector, blue, in left engine compartment
T14a	14-pin connector, in left engine compartment
T28b	28-pin connector, on 4MV injection system control unit control unit
T52a	52-pin connector, on 4MV injection system control unit control unit
TV3	Terminal 30a wiring junction
B150	Positive connection 2 (30a), in interior wiring harness
B503	Positive connection 7 (30a), in interior wiring harness

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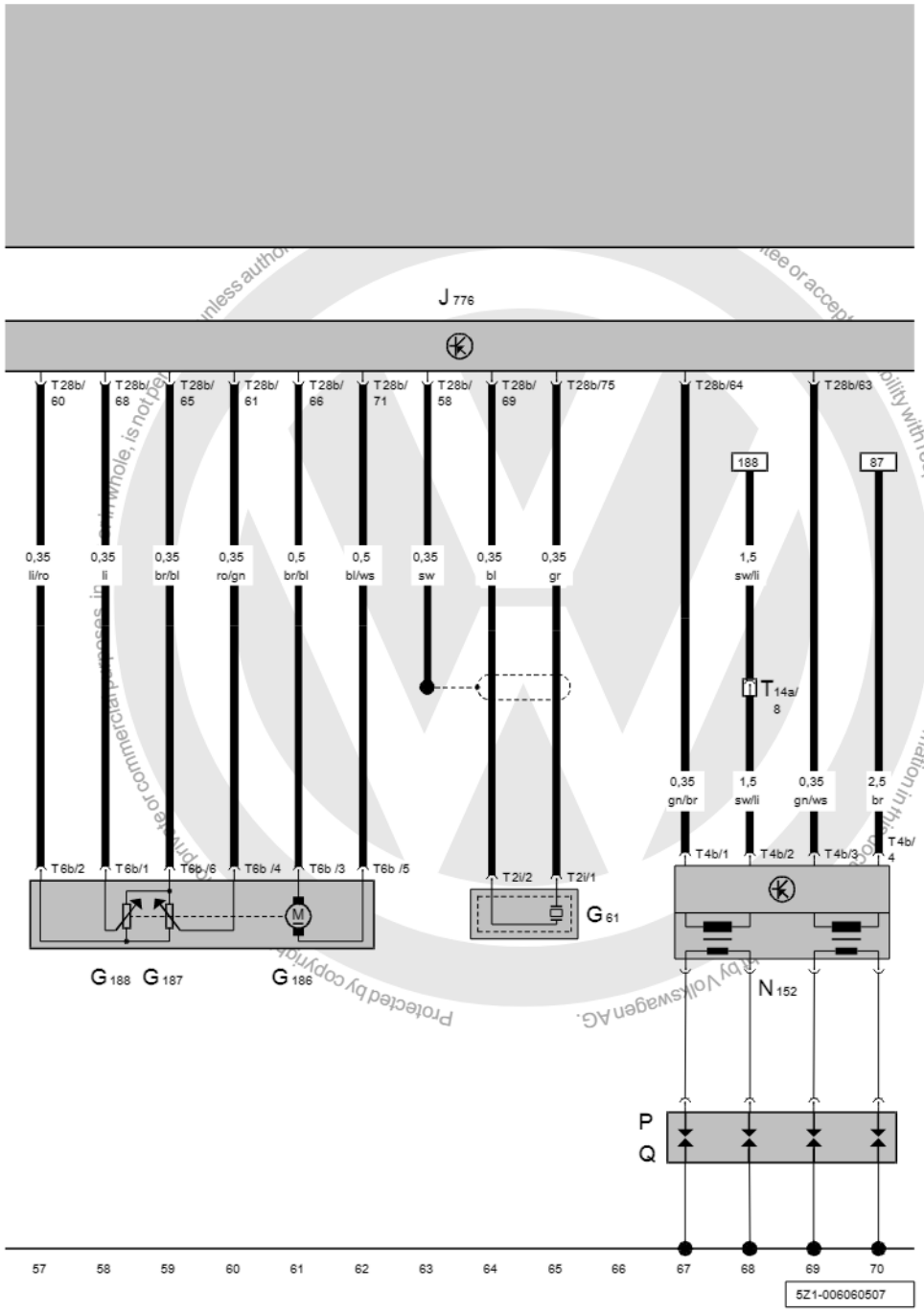


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ro = red
rt = red
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Engine speed sender, Hall sender, intake air temperature sender, intake manifold pressure sender, engine control unit, 4MV injection system control unit control unit

G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
J776	4MV injection system control unit control unit
T3b	3-pin connector, in right engine compartment
T3n	3-pin connector, on Hall sender
T4f	4-pin connector, on intake air temperature sender
T28b	28-pin connector, on 4MV injection system control unit control unit
339	Earth connection (sender earth), in injection system wiring harness
340	Earth connection 2, in injection system wiring harness
E46	Positive connection 1 (5 Volt), in injection system wiring harness



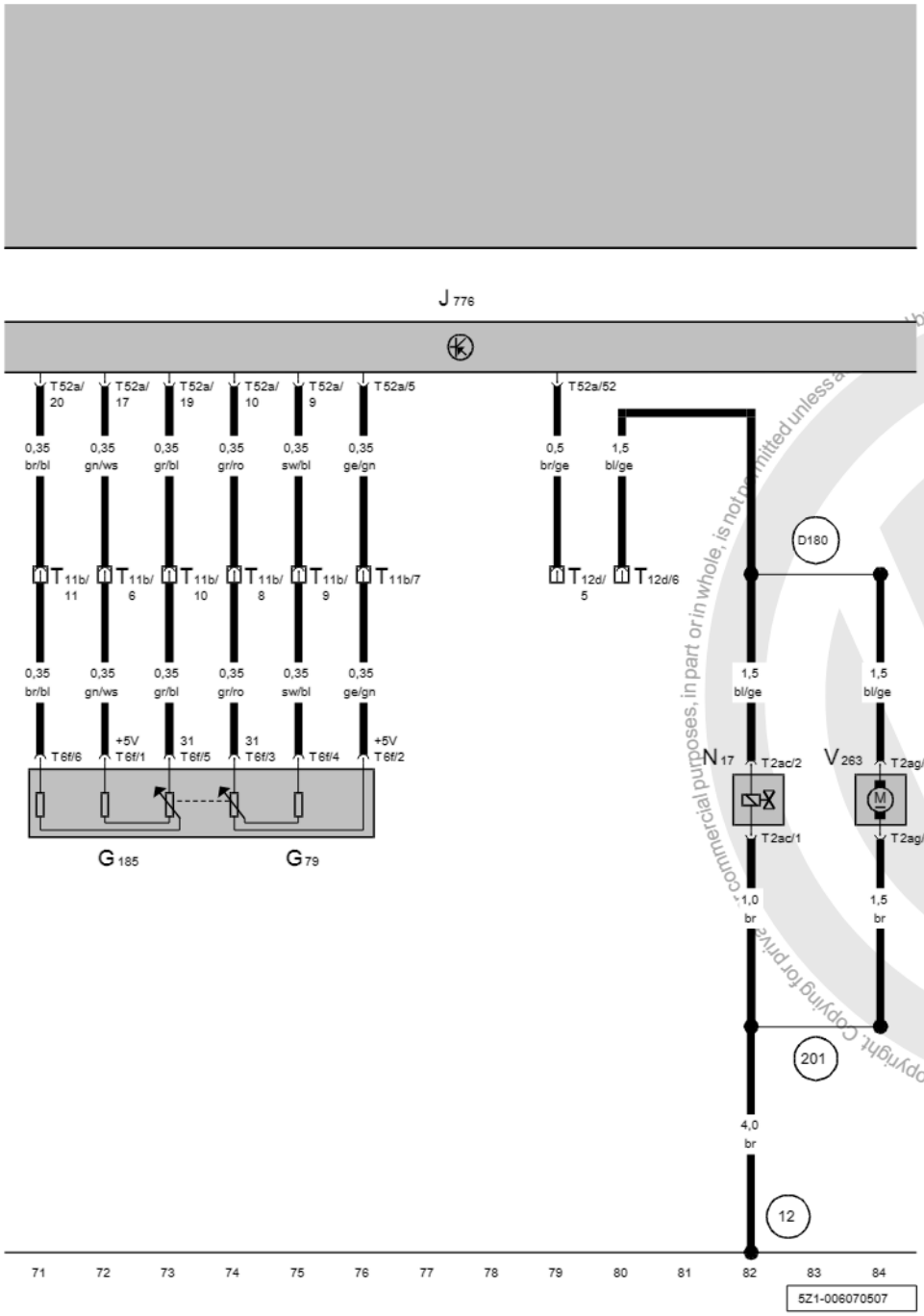
Knock sensor 1, throttle valve drive for electric throttle (EPC), 4MV injection system control unit control unit, ignition transformer, spark plug connector, spark plugs

G61	Knock sensor 1
G186	Throttle valve drive for electric throttle (EPC)
G187	Throttle valve drive angle sender 1 for electric throttle (EPC)
G188	Throttle valve drive angle sender 2 for electric throttle (EPC)
J776	4MV injection system control unit control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plugs
T2i	2-pin connector, on knock sensor 1
T4b	4-pin connector, on ignition transformer
T6b	6-pin connector, on throttle valve drive for electric throttle (EPC)
T14a	14-pin connector, in left engine compartment
T28b	28-pin connector, on 4MV injection system control unit control unit

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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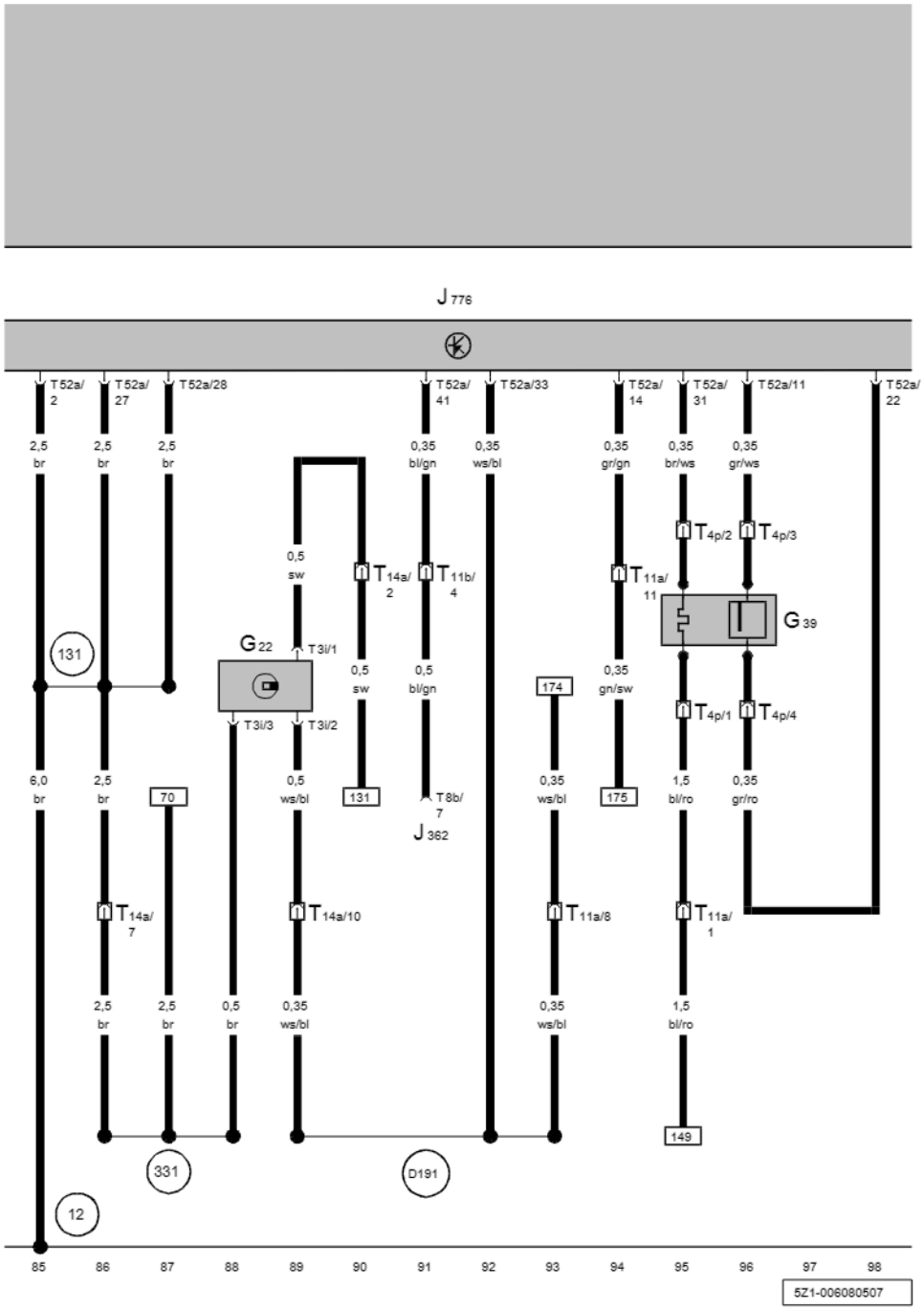
Accelerator position sender, accelerator position sender 2, 4MV injection system control unit control unit, fuel pump for cold start

G79	Accelerator position sender
G185	Accelerator position sender 2
J776	4MV injection system control unit control unit
N17	Cold start valve
T2ac	2-pin connector, on cold start valve
T2ag	2-pin connector, on fuel pump for cold start
T6f	6-pin connector, on accelerator position sender
T11b	11-pin connector, blue, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
T52a	52-pin connector, on 4MV injection system control unit control unit
V263	Fuel pump for cold start
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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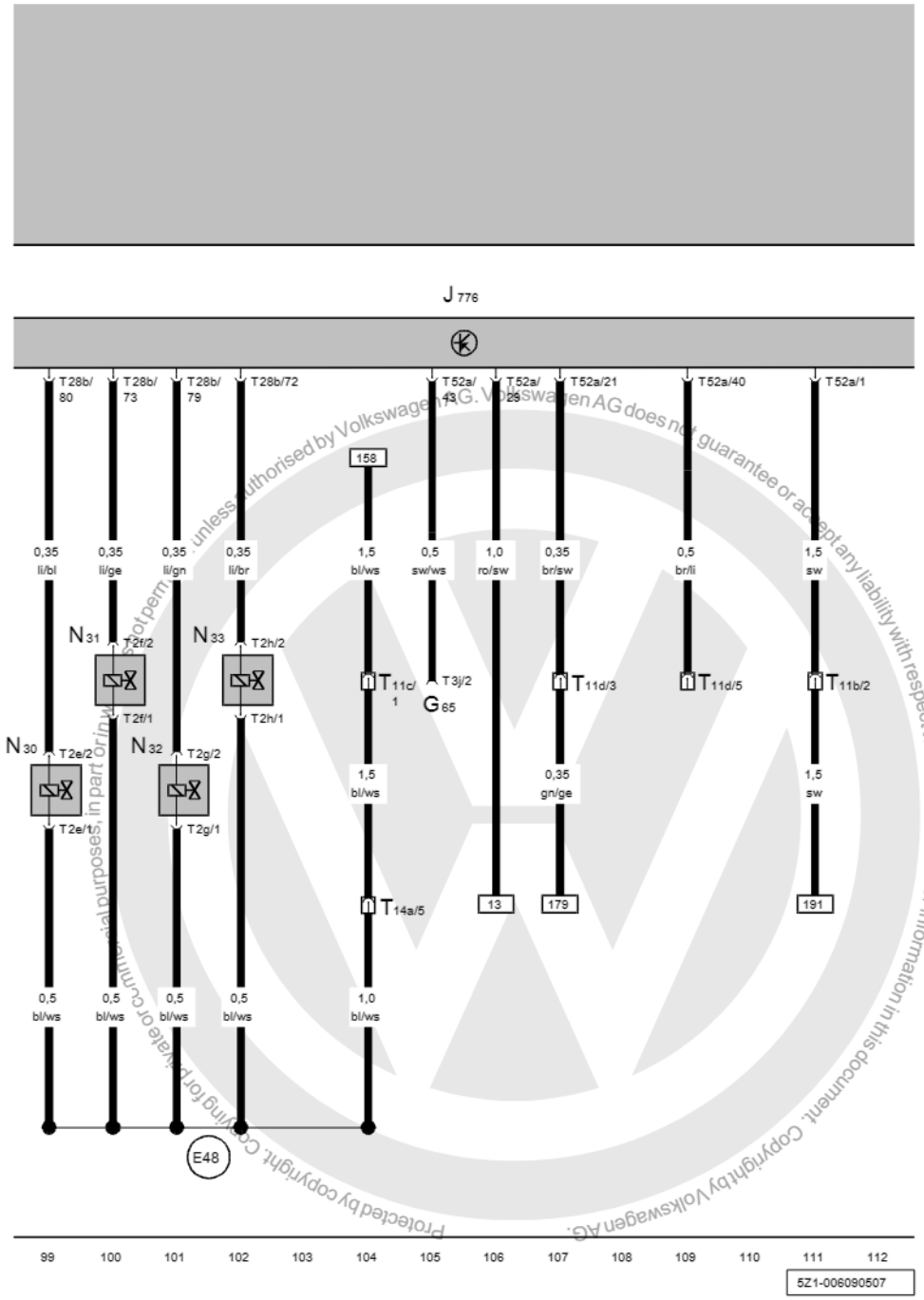


Speedometer sender, immobilizer control unit, 4MV injection system control unit control unit

G22	Speedometer sender
G39	Lambda probe
J362	Immobilizer control unit
J776	4MV injection system control unit control unit
T3i	3-pin connector, on speedometer sender
T4p	4-pin connector, in front engine compartment
T8b	8-pin connector, on immobilizer control unit
T11a	11-pin connector, red, in left engine compartment
T11b	11-pin connector, blue, in left engine compartment
T14a	14-pin connector, in left engine compartment
T52a	52-pin connector, on 4MV injection system control unit control unit
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
331	Earth connection, in injection system wiring harness
D191	Connection (speedometer sender), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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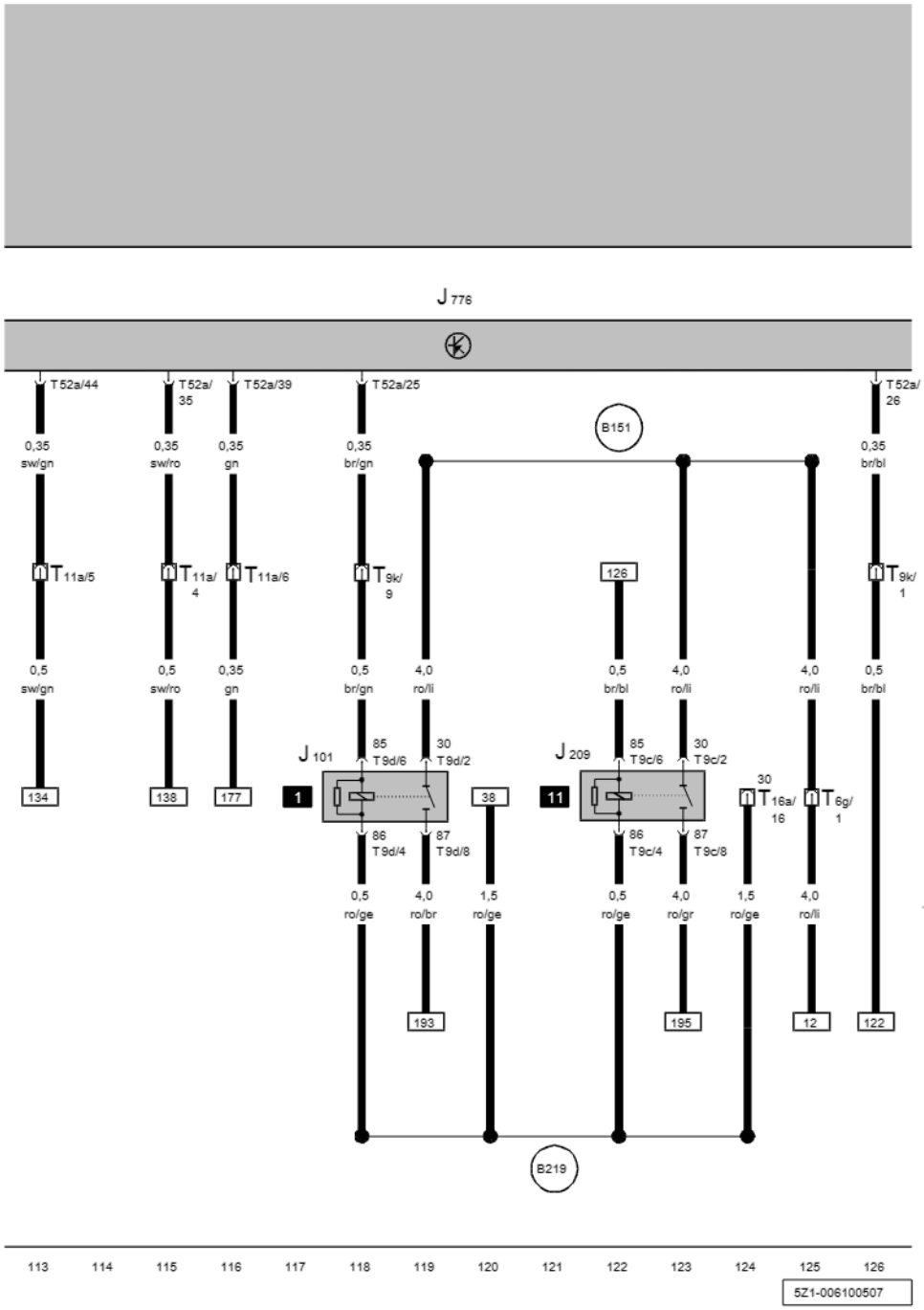


4MV injection system control unit control unit, injector, cylinder 1, injector, cylinder 2, injector, cylinder 3, injector, cylinder 4

G65	High pressure sender
J776	4MV injection system control unit control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2e	2-pin connector, on injector, cylinder 1
T2f	2-pin connector, on injector, cylinder 2
T2g	2-pin connector, on injector, cylinder 3
T2h	2-pin connector, on injector, cylinder 4
T3j	3-pin connector, on high pressure sender
T11b	11-pin connector, blue, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T11d	11-pin connector, brown, in left engine compartment
T14a	14-pin connector, in left engine compartment
T28b	28-pin connector, on 4MV injection system control unit control unit
T52a	52-pin connector, on 4MV injection system control unit control unit
E48	Connection (injectors), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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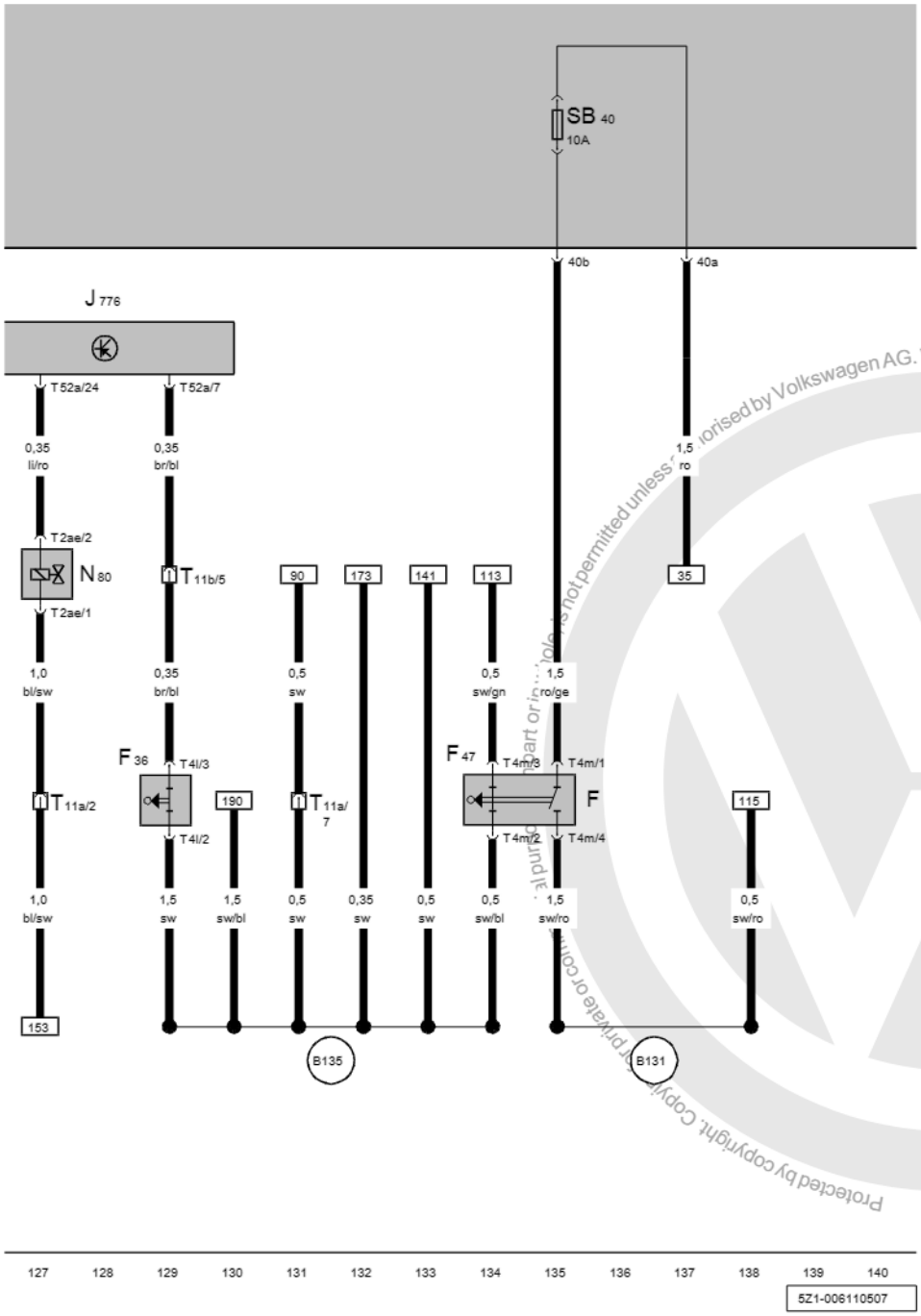


Radiator fan 2nd speed relay, fresh air blower and radiator fan relay, 4MV injection system control unit control unit

J101	Radiator fan 2nd speed relay
J209	Fresh air blower and radiator fan relay
J776	4MV injection system control unit control unit
T6g	6-pin connector, grey, in left engine compartment
T9c	9-pin connector, on fresh air blower and radiator fan relay
T9d	9-pin connector, on radiator fan 2nd speed relay
T9k	9-pin connector, yellow, in left engine compartment
T11a	11-pin connector, red, in left engine compartment
T16a	16-pin connector, on fuse holder
T52a	52-pin connector, on 4MV injection system control unit control unit
B151	Positive connection 3 (30a), in interior wiring harness
B219	Positive connection 4 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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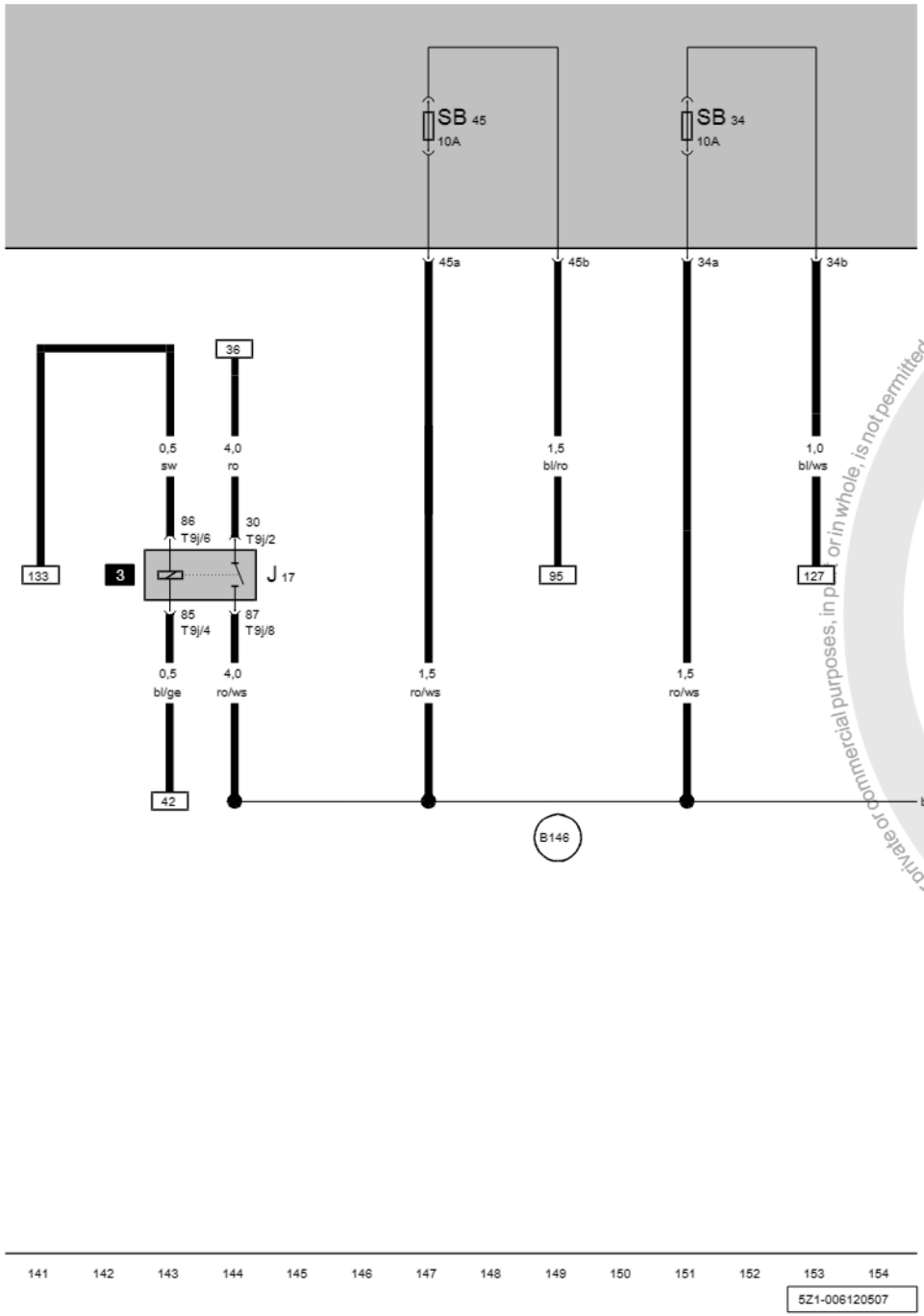


Brake light switch, clutch pedal switch, brake pedal switch, 4MV injection system control unit control unit, activated charcoal filter system solenoid valve 1

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J776	4MV injection system control unit control unit
N80	Activated charcoal filter system solenoid valve 1
SB40	Fuse 40 on fuse holder B
T2ae	2-pin connector, on active charcoal filter system solenoid valve 1
T4l	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake light switch
T11a	11-pin connector, red, in left engine compartment
T11b	11-pin connector, blue, in left engine compartment
T52a	52-pin connector, on 4MV injection system control unit control unit
B131	Connection (54), in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
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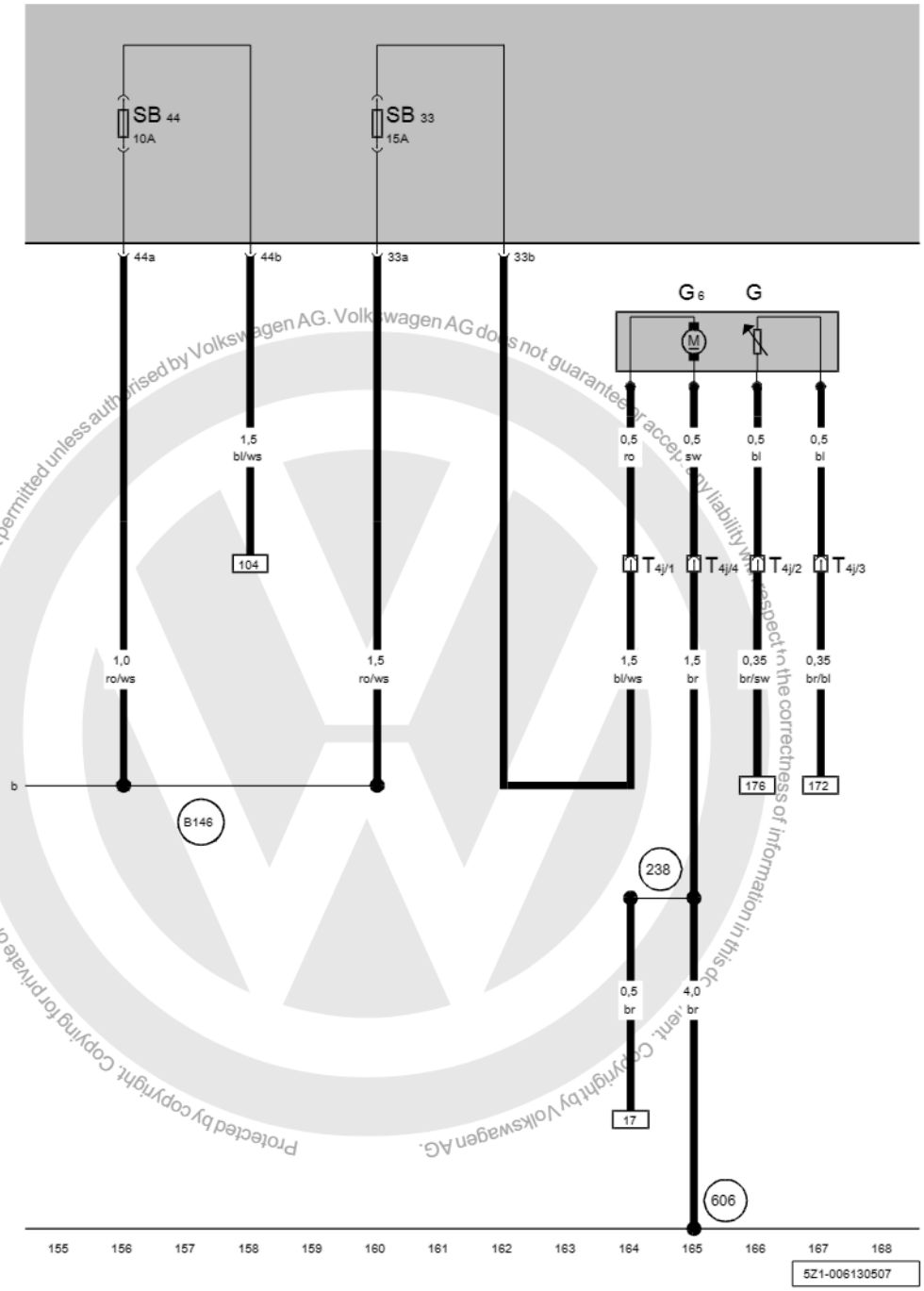


Fuel pump relay

J17	Fuel pump relay
SB34	Fuse 34 on fuse holder B
SB45	Fuse 45 on fuse holder B
T9j	9-pin connector, on fuel pump relay
B146	Positive connection 1 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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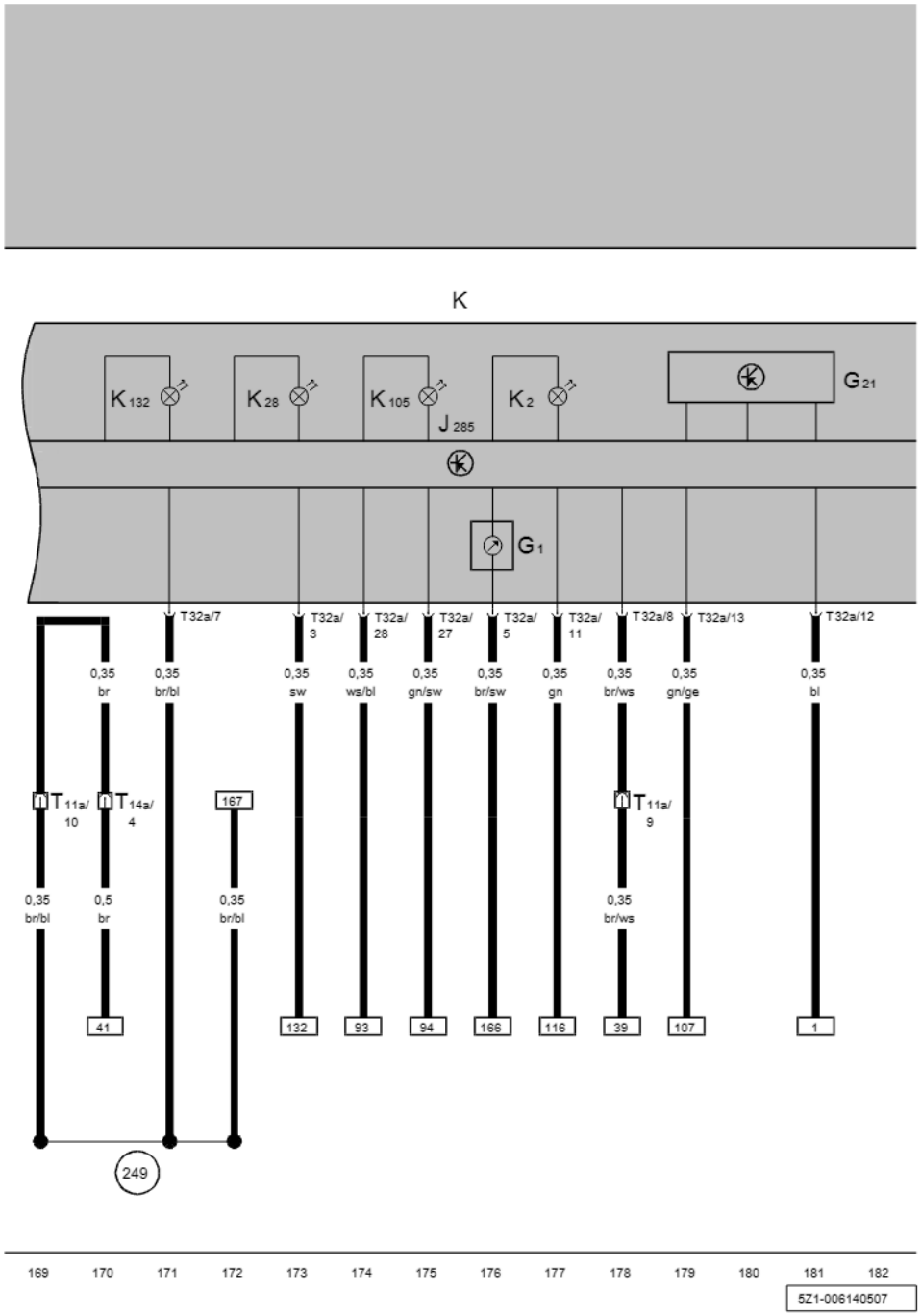


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Fuel gauge sender, fuel system pressurisation pump

G	Fuel gauge sender
G6	Fuel system pressurisation pump
SB33	Fuse 33 on fuse holder B
SB44	Fuse 44 on fuse holder B
T4j	4-pin connector, under right seat bench
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B146	Positive connection 1 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Fuel gauge, speedometer, control unit in dash panel insert, dash panel insert, alternator warning lamp, coolant temperature and coolant shortage warning lamp

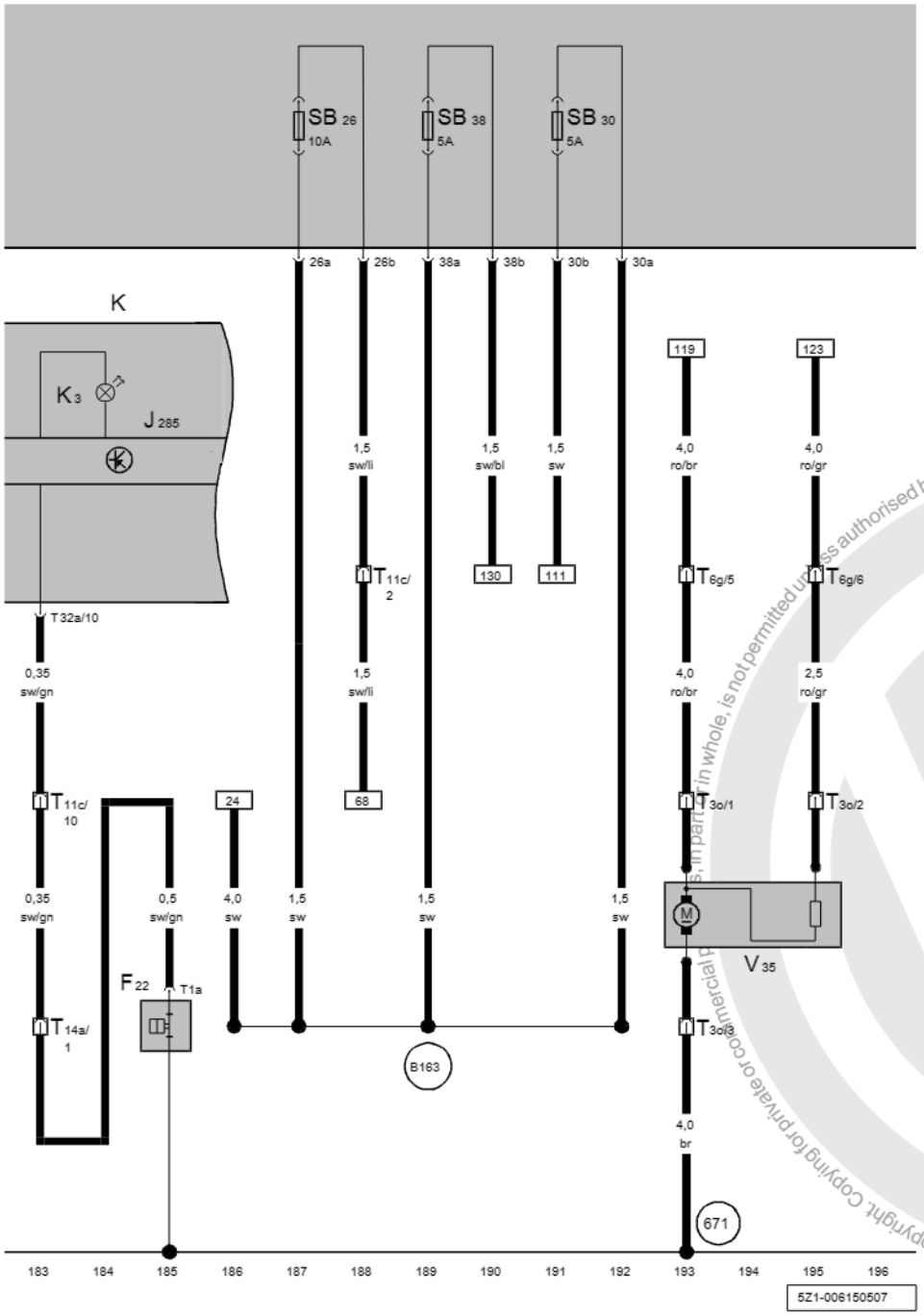
G1	Fuel gauge
G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K105	Reserve fuel warning lamp
K132	Electric power control fault lamp
T11a	11-pin connector, red, in left engine compartment
T14a	14-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert
(249)	Earth connection 2, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Oil pressure switch, control unit in dash panel insert, dash panel insert, oil pressure warning lamp, right radiator fan

F22	Oil pressure switch
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
SB26	Fuse 26 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB38	Fuse 38 on fuse holder B
T1a	Single pin connector, on oil pressure switch
T3o	3-pin connector, on radiator fan on right
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T14a	14-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert
V35	Right radiator fan
671	Earth point 1, on front of left longitudinal member
B163	Positive connection 1 (15), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

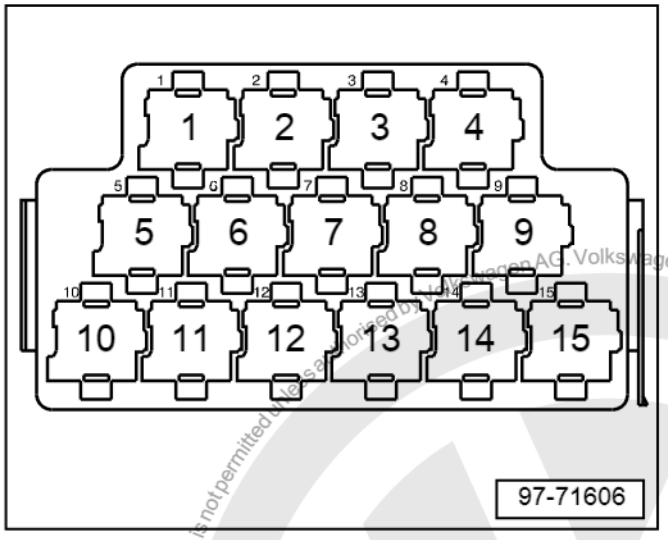
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Basic equipment

from September 2003

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:

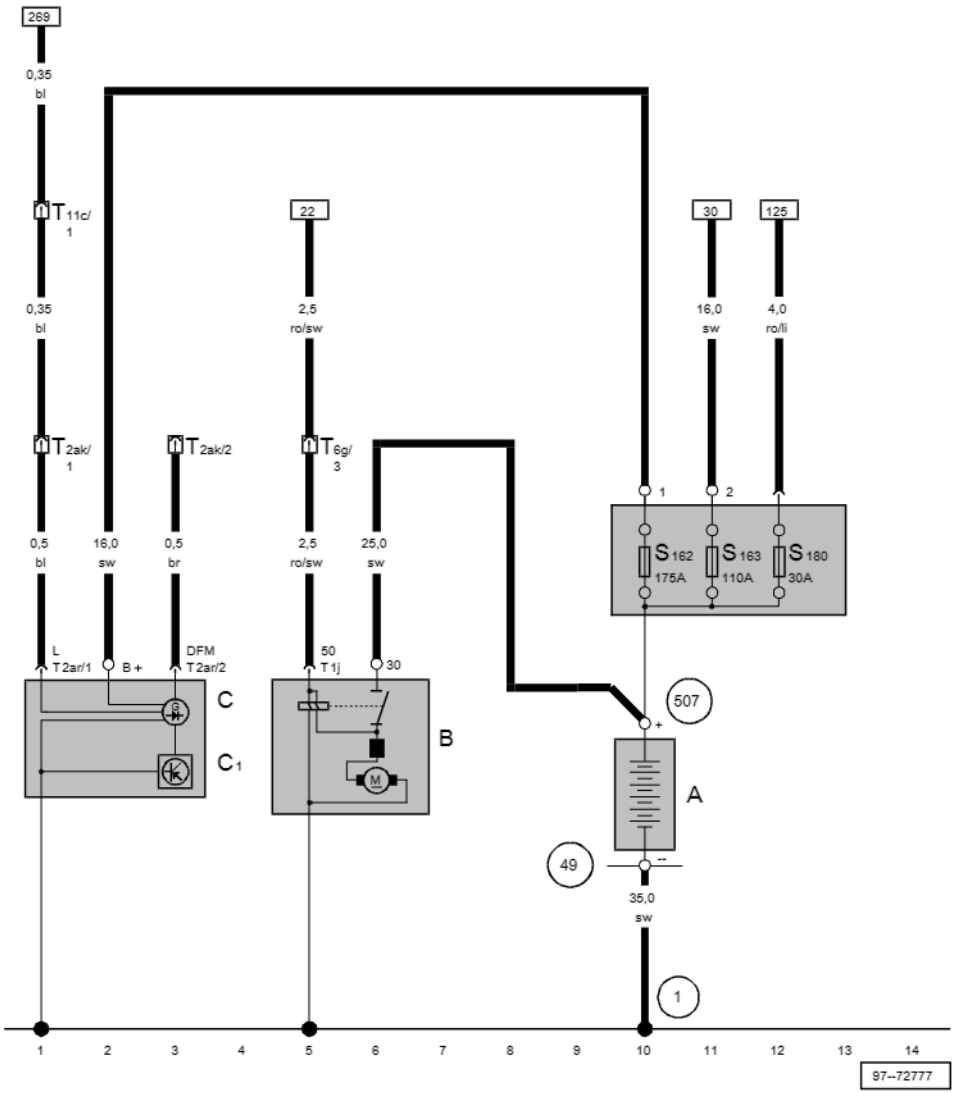


R1 - Radiator fan 2nd speed relay
R6 - Dipped beam relay
R7 - Headlight main beam relay
R8 - Heated rear window control relay
R9 - Automatic intermittent wash and wipe relay
R11 - Fresh air blower relay and radiator fan
R12 - X-contact relief relay
R13 - Dual tone horn relay

Note:

- *The number in brackets denotes the control number on relay.*

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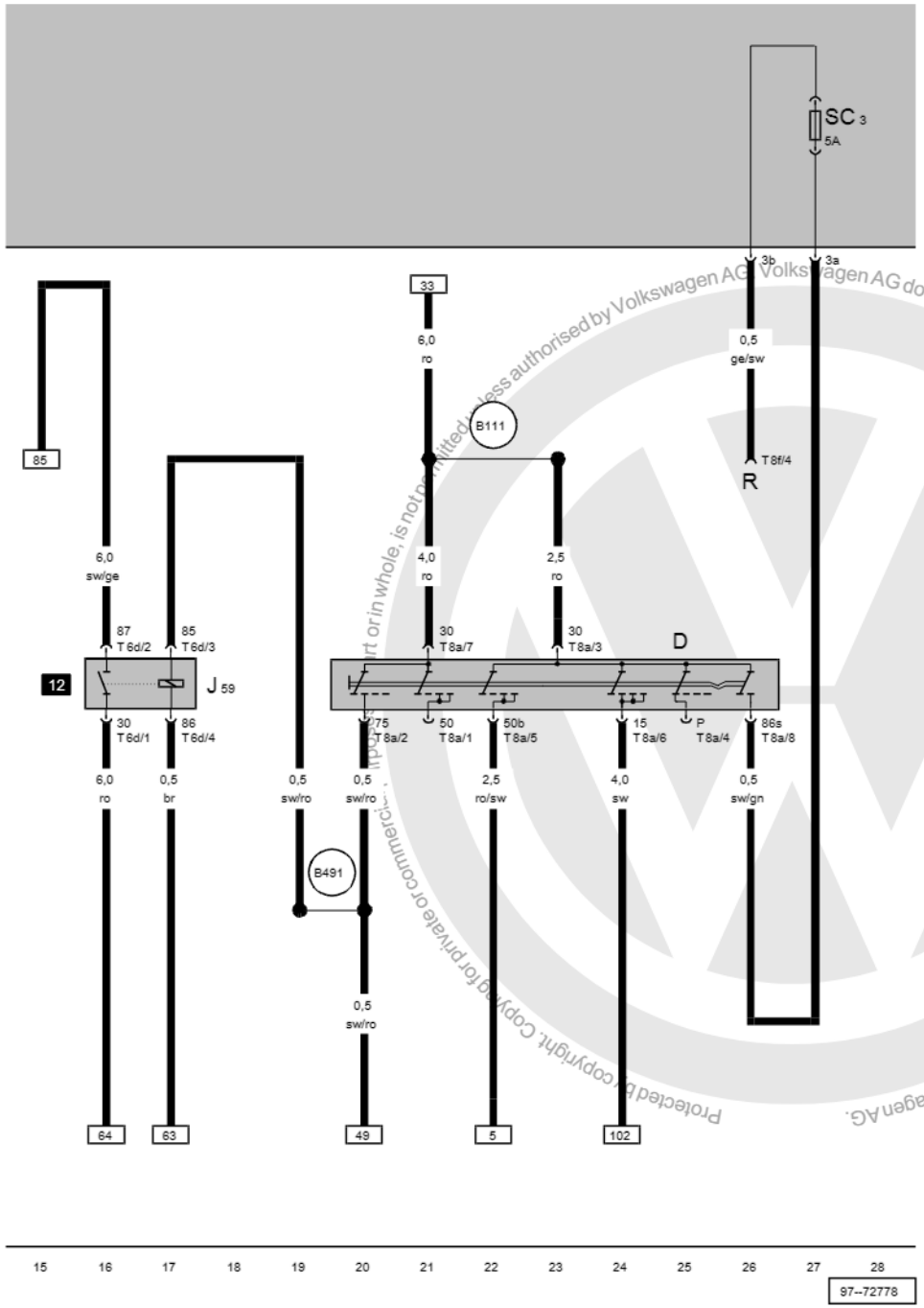


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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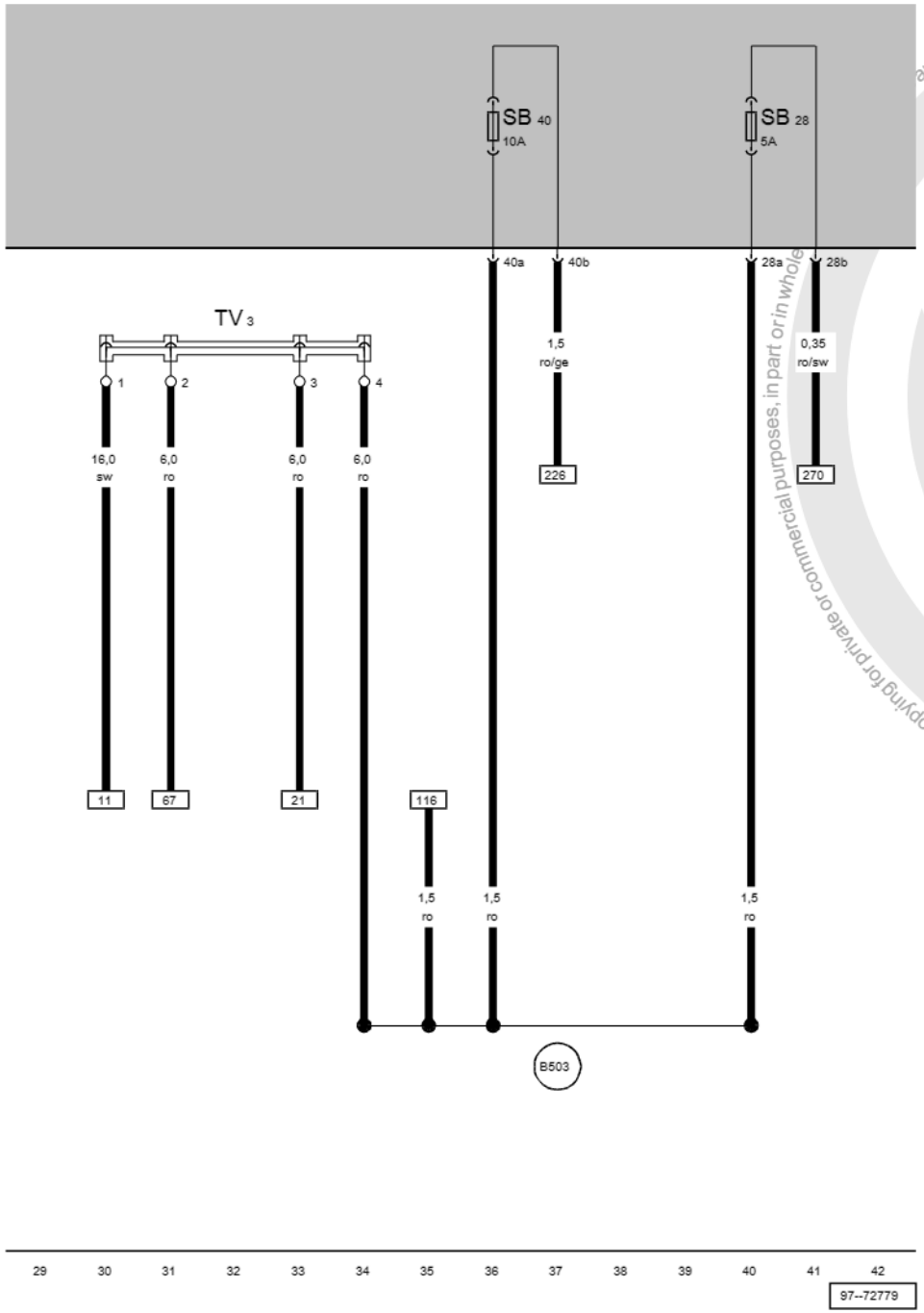


Ignition/starter switch, X-contact relief relay

D	Ignition/starter switch
J59	X-contact relief relay
R	Radio
SC2	Fuse 2 on fuse holder
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
T8f	8-connector, on radio
B111	Positive connection 1 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Terminal 30a wiring junction

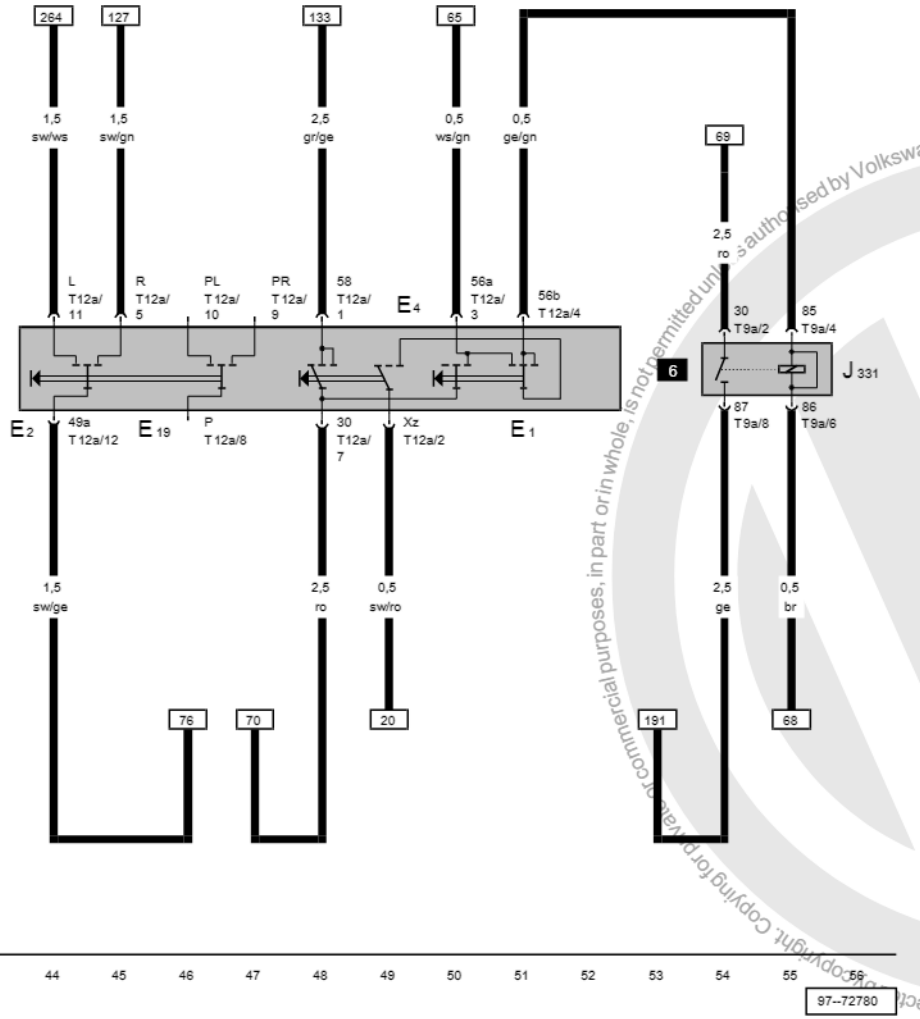
SB28	Fuse 28 on fuse holder
SB40	Fuse 40 on fuse holder
TV3	Terminal 30a wiring junction
B503	Positive connection 7 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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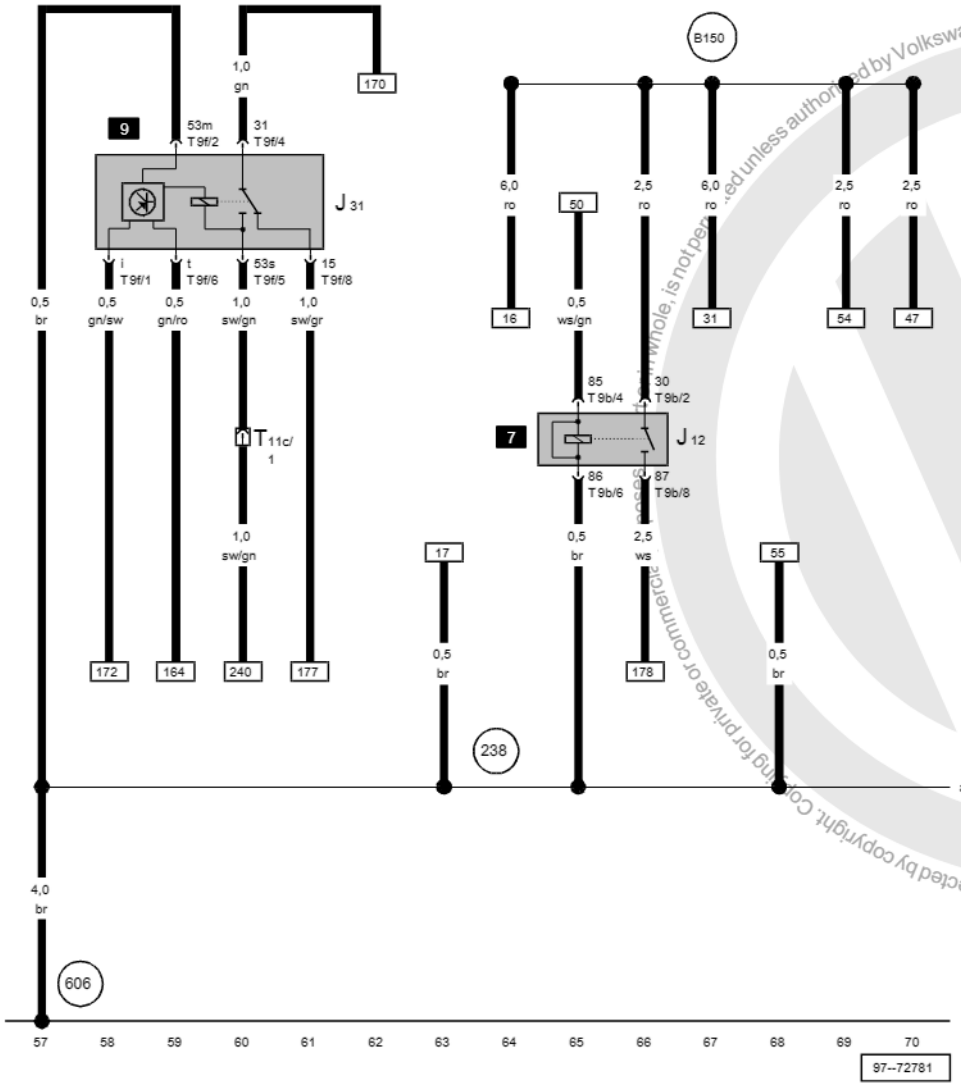
Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, dipped beam relay

E1	Light switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J331	Dipped beam relay
T9a	9-pin connector, on dipped beam relay
T12a	12-pin connector, on light switch



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Headlight main beam relay, automatic intermittent wash and wipe relay

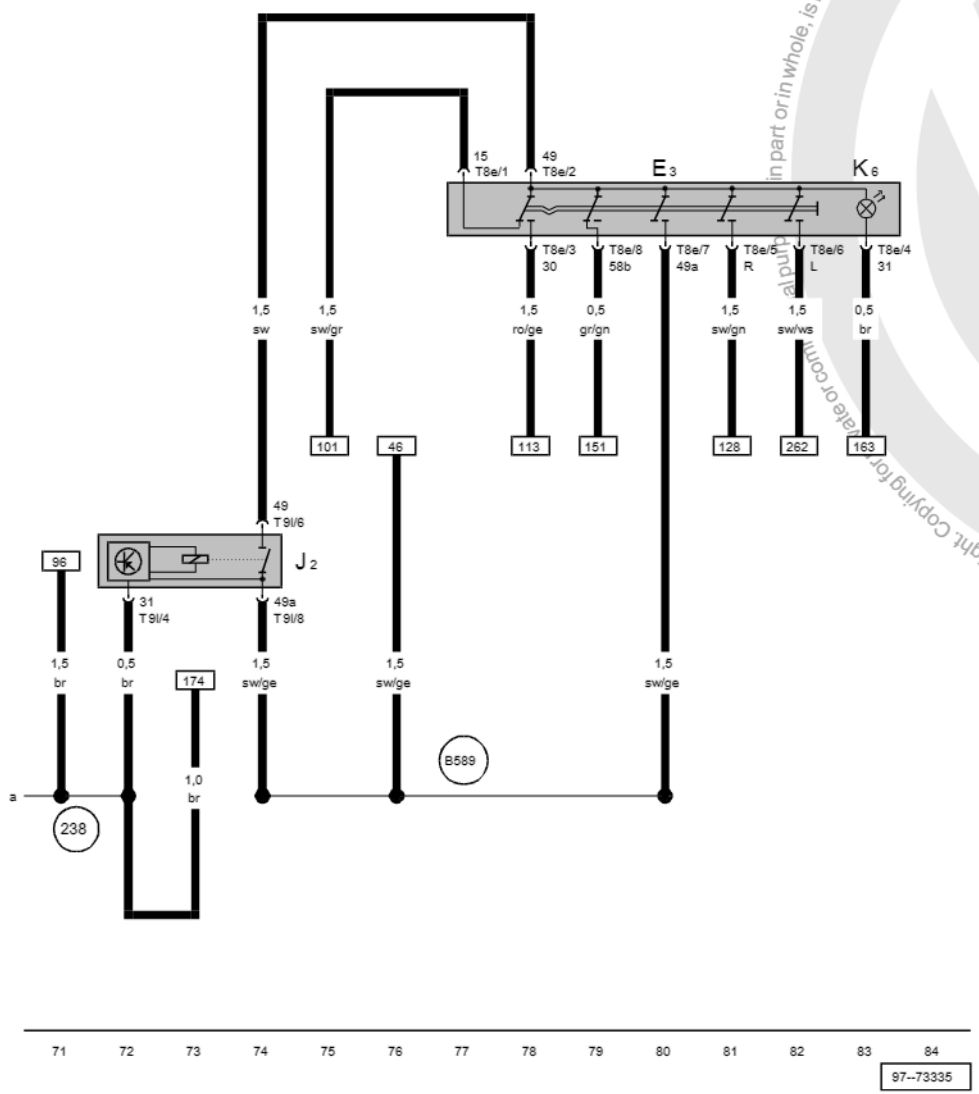
J12	Headlight main beam relay
J31	Automatic intermittent wash and wipe relay
T9b	9-pin connector, on headlight main beam relay
T9f	9-pin connector, on automatic intermittent wash and wipe relay
T11c	11-pin connector, green, in left engine compartment
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B150	Positive connection 2 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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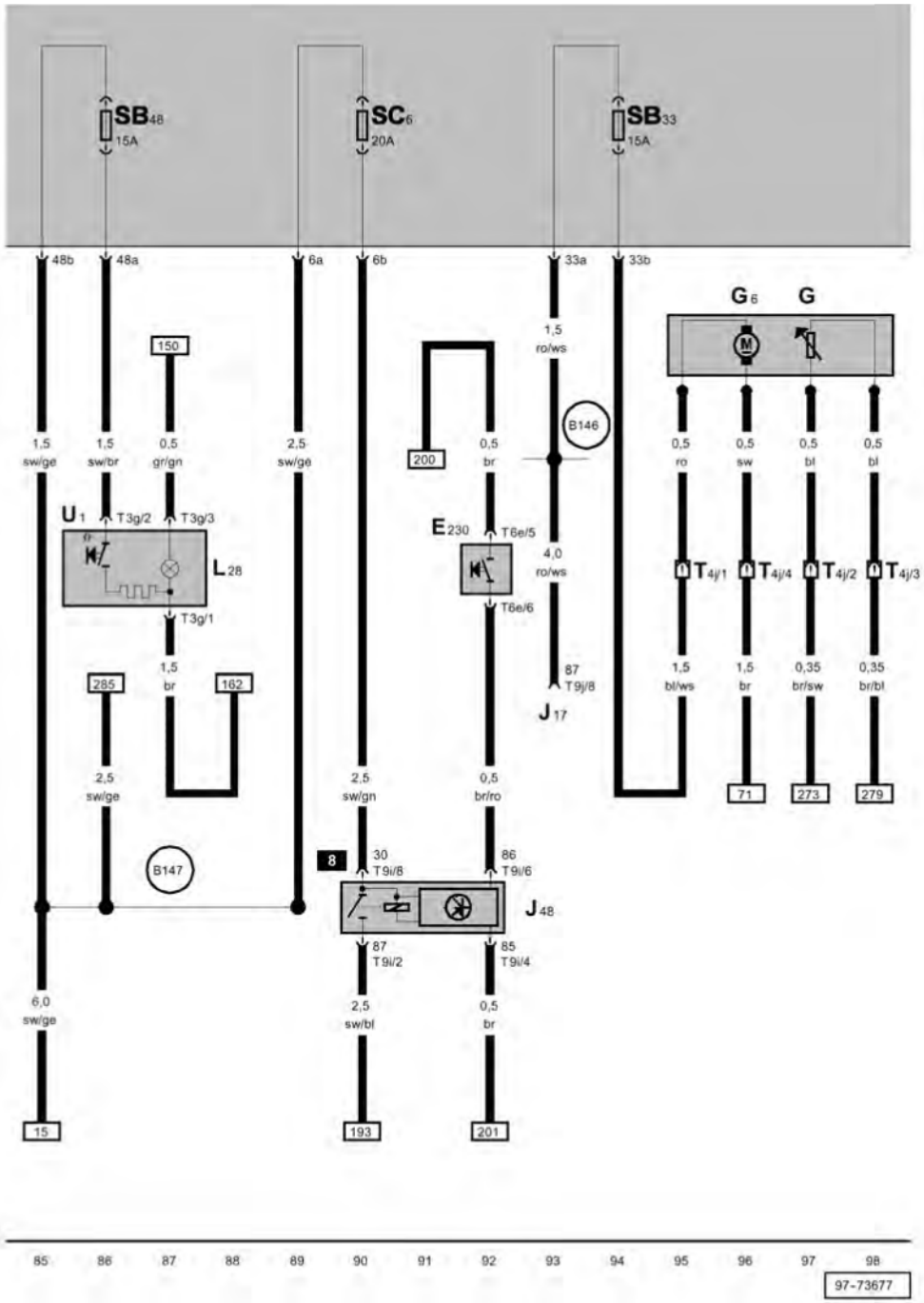
Hazard warning light switch, hazard warning light relay, hazard warning light system warning lamp

E3	Hazard warning light switch
J2	Hazard warning light relay
K6	Hazard warning light system warning lamp
T8e	8-connector, on hazard warning light switch
T9l	9-pin connector, on hazard warning light relay
238	Earth connection 1, in interior wiring harness
B589	Connection (49a), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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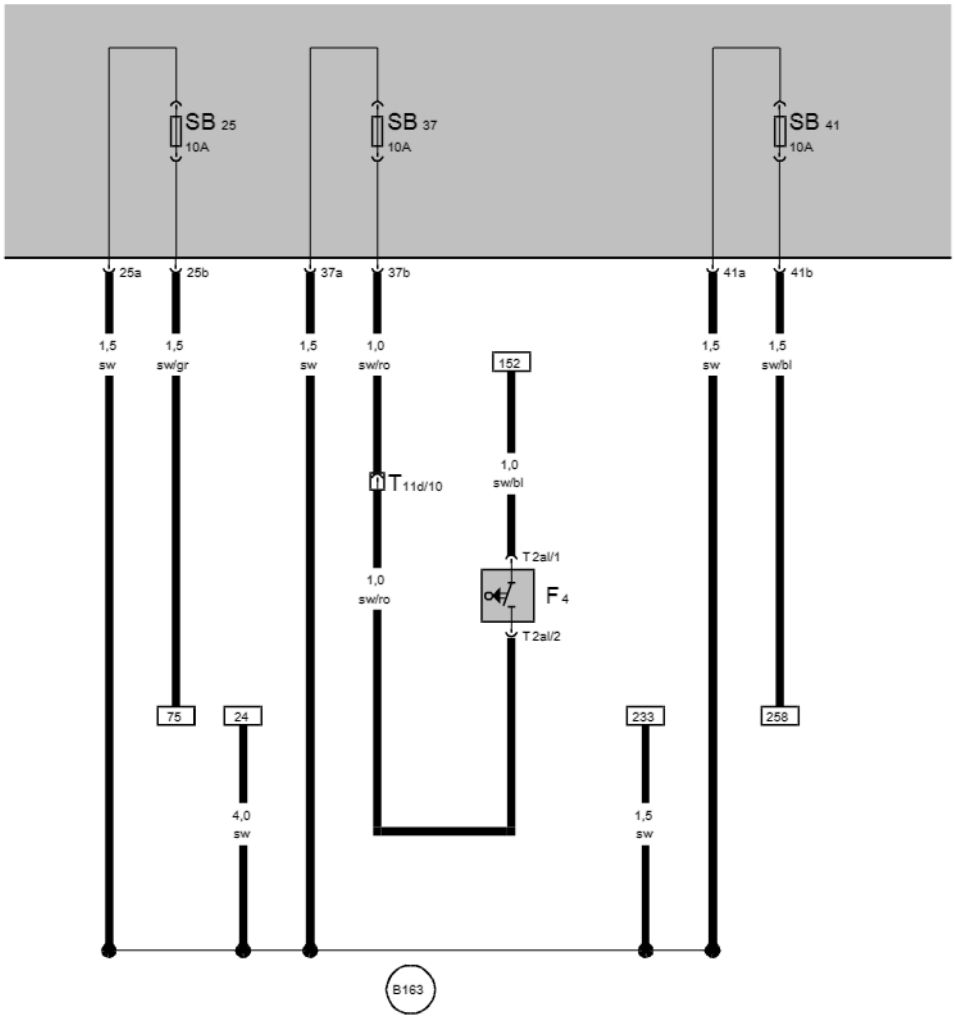


Heated rear window button, fuel gauge sender, fuel system pressurisation pump, fuel pump relay, heated rear window control relay

E230	Heated rear window switch
G	Fuel gauge sender
G6	Fuel system pressurisation pump
J17	Fuel pump relay
J48	Heated rear window control relay
L28	Cigarette lighter illumination bulb
SB33	Fuse 33 on fuse holder
SB48	Fuse 48 on fuse holder
SC6	Fuse 6 on fuse holder
T3g	3-pin connector, on cigarette lighter
T4j	4-pin connector, under right seat bench
T6e	6-pin connector, on heated rear window switch
T9i	9-pin connector, on heated rear window control relay
T9j	9-pin connector, on fuel pump relay
U1	Cigarette lighter
(B146)	Positive connection 1 (87), in interior wiring harness
(B147)	Positive connection 2 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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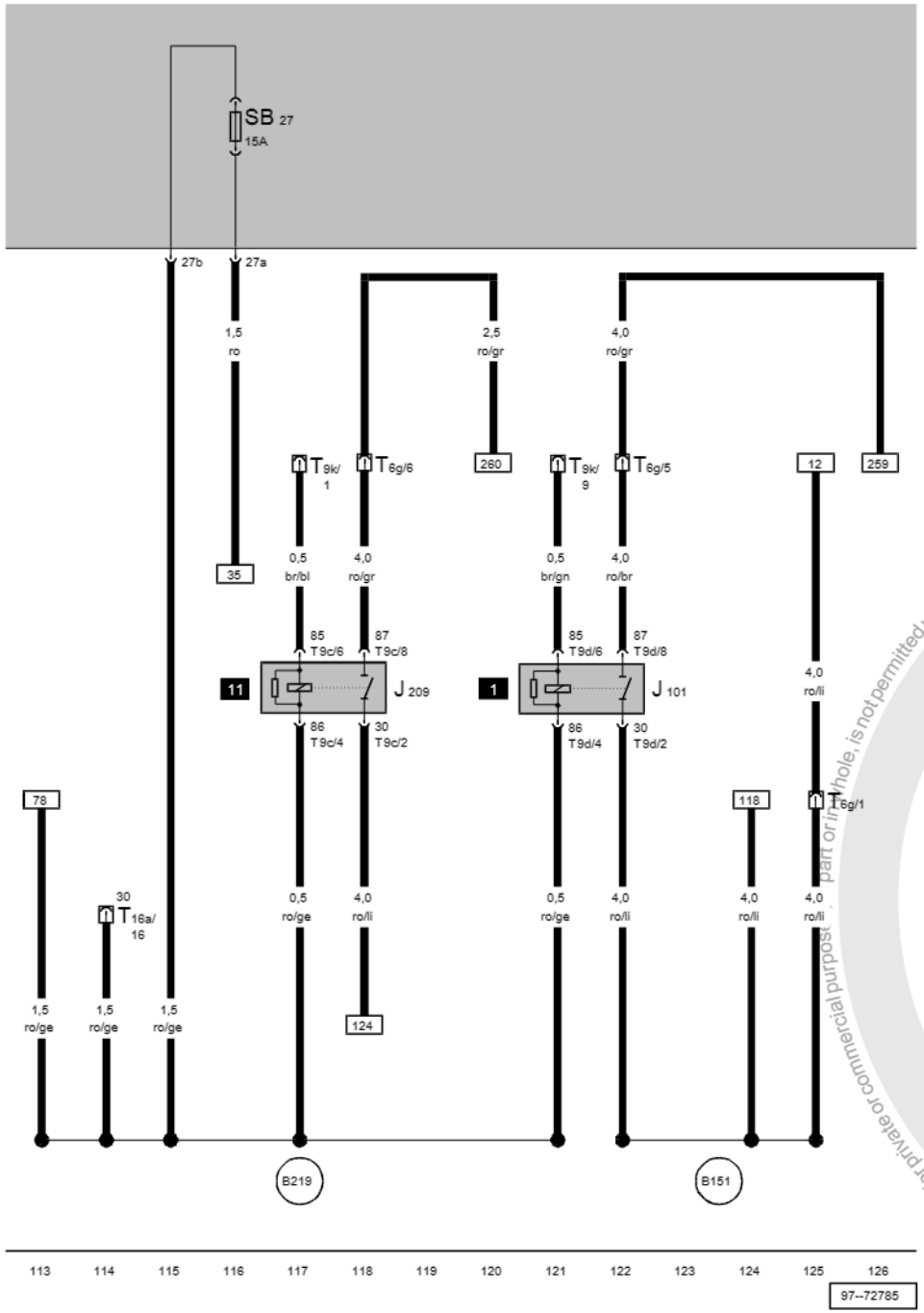


Reversing light switch

F4	Reversing light switch
SB25	Fuse 25 on fuse holder
SB37	Fuse 37 on fuse holder
SB41	Fuse 41 on fuse holder
T2al	2-pin connector, on parking light switch
T2al	11-pin connector, brown, in left engine compartment
B163	Positive connection 1 (15), in interior wiring harness

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ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

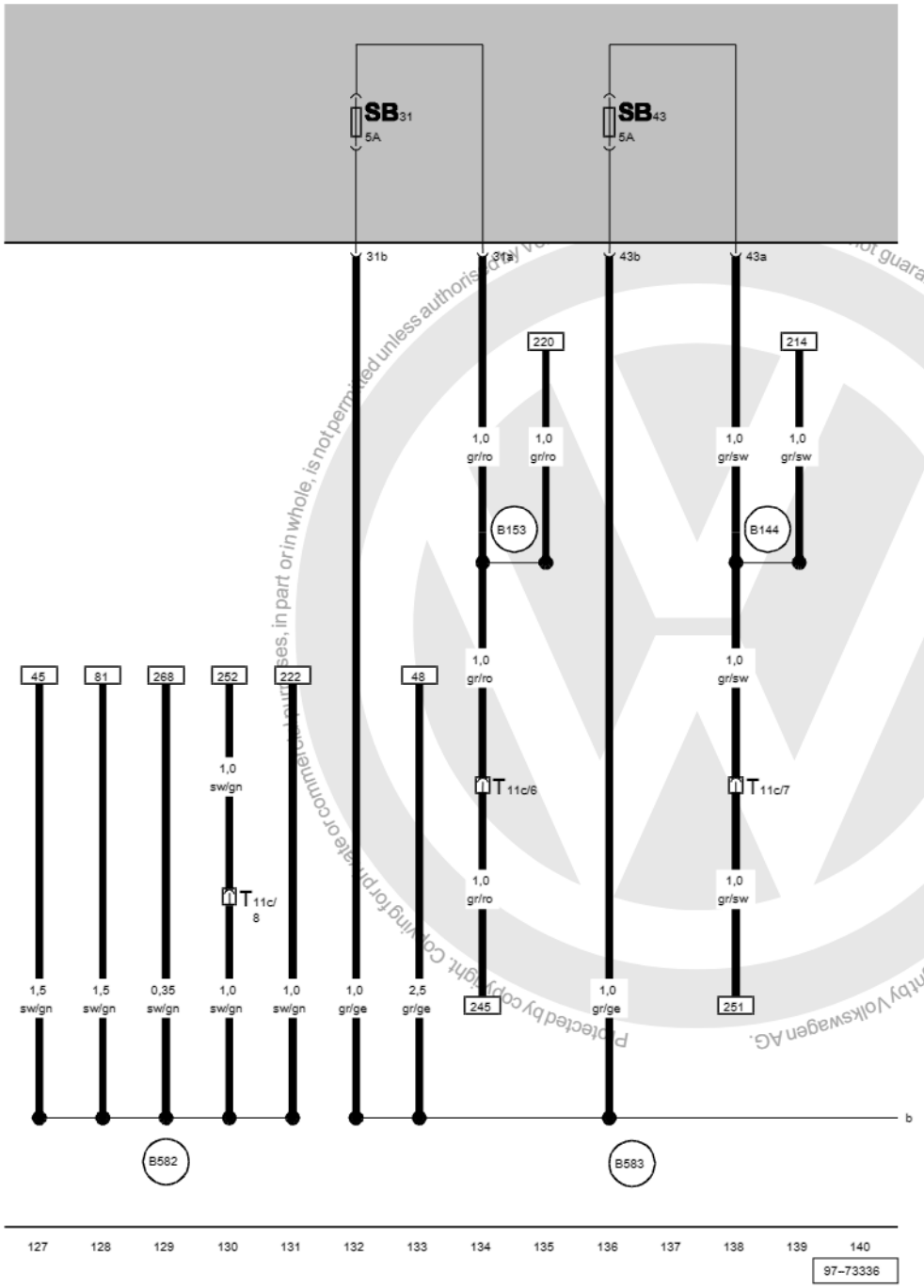


Radiator fan 2nd speed relay, fresh air blower and radiator fan relay

J101	Radiator fan 2nd speed relay
J209	Fresh air blower and radiator fan relay
SB27	Fuse 27 on fuse holder
T6g	6-pin connector, grey, in left engine compartment
T9c	9-pin connector, on fresh air blower and radiator fan relay
T9d	9-pin connector, on radiator fan 2nd speed relay
T9k	9-pin connector, yellow, in left engine compartment
T16a	16-pin connector, on fuse holder
B151	Positive connection 3 (30a), in interior wiring harness
B219	Positive connection 4 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse 31 on fuse holder, fuse 43 on fuse holder

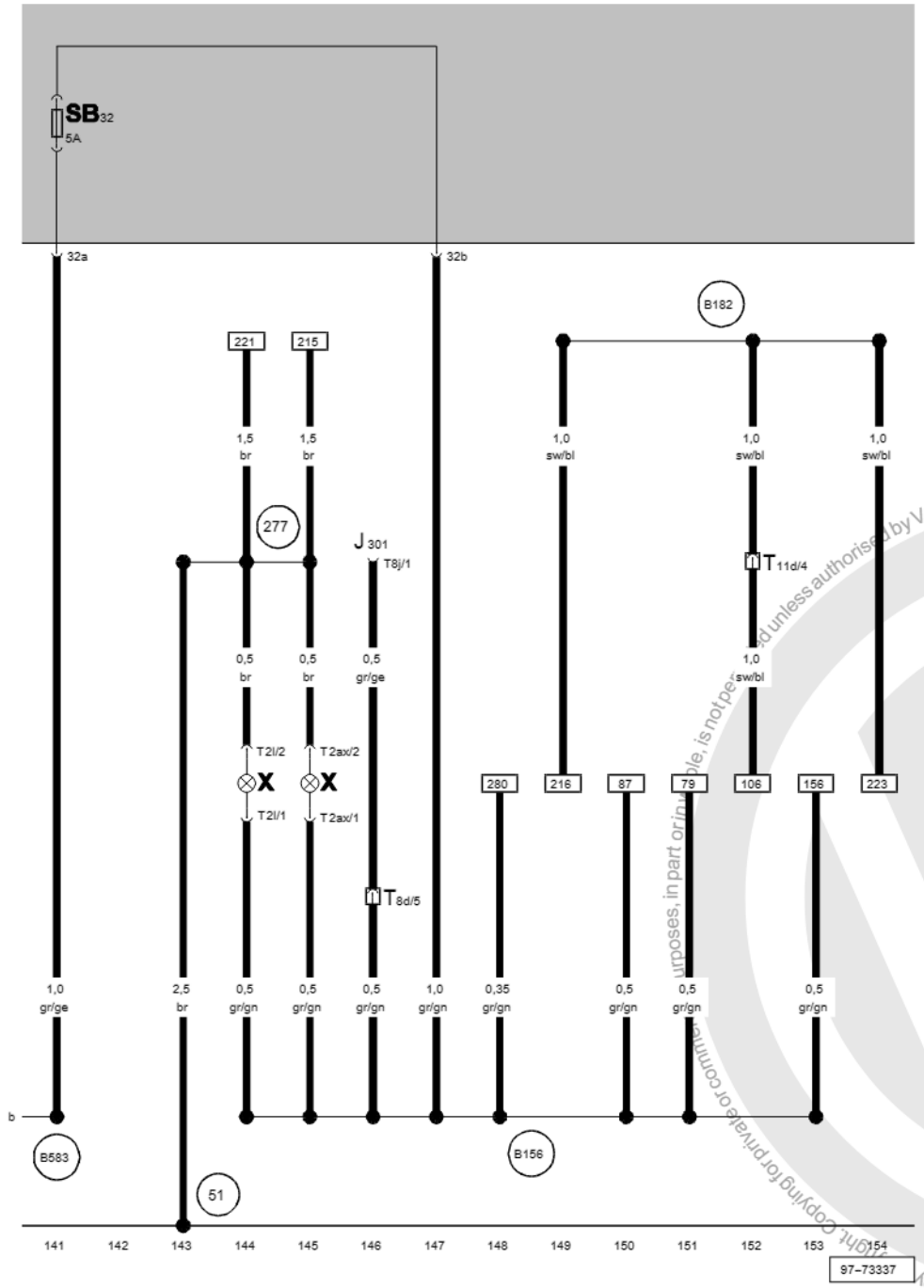
SB31 Fuse 31 on fuse holder
SB43 Fuse 43 on fuse holder
T11c 11-pin connector, green, in left engine compartment

B144 Positive connection (58L), in interior wiring harness

B153 Connection (RTS), in interior wiring harness

B582 Positive connection (right indicator lamp), interior wiring harness

B583 Positive connection (58), in interior wiring harness

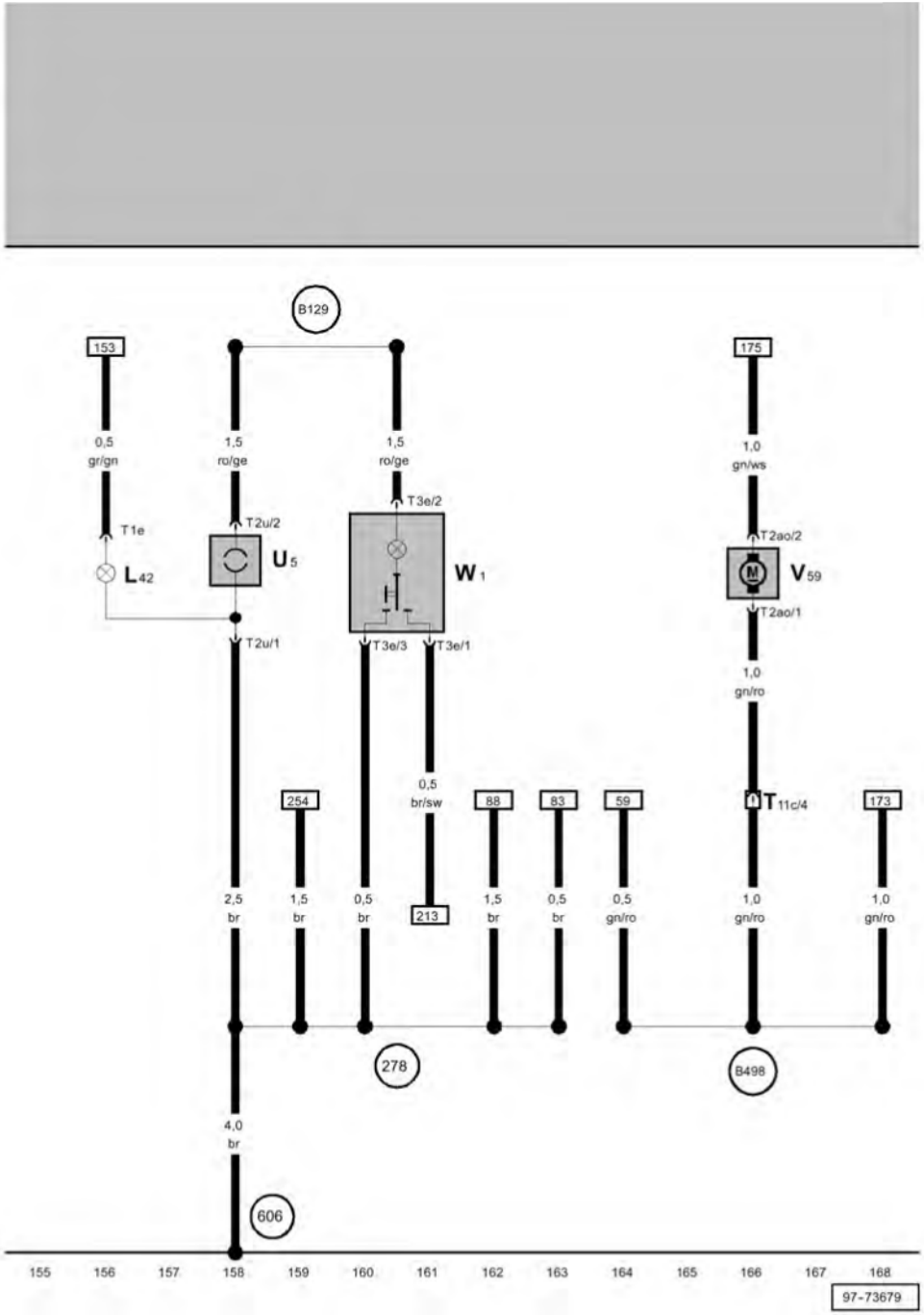


Number plate light

J301	Air conditioning system control unit
SB32	Fuse 32 on fuse holder
T2ax	2-pin connector, on number plate light
T2l	2-pin connector, on number plate light
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
T11d	11-pin connector, brown, in left engine compartment
X	Number plate light
51	Earth point, in luggage compartment
277	Earth connection 3, in interior wiring harness
B156	Positive connection (30a), in interior wiring harness
B182	Connection (RL), in interior wiring harness
B583	Positive connection (58), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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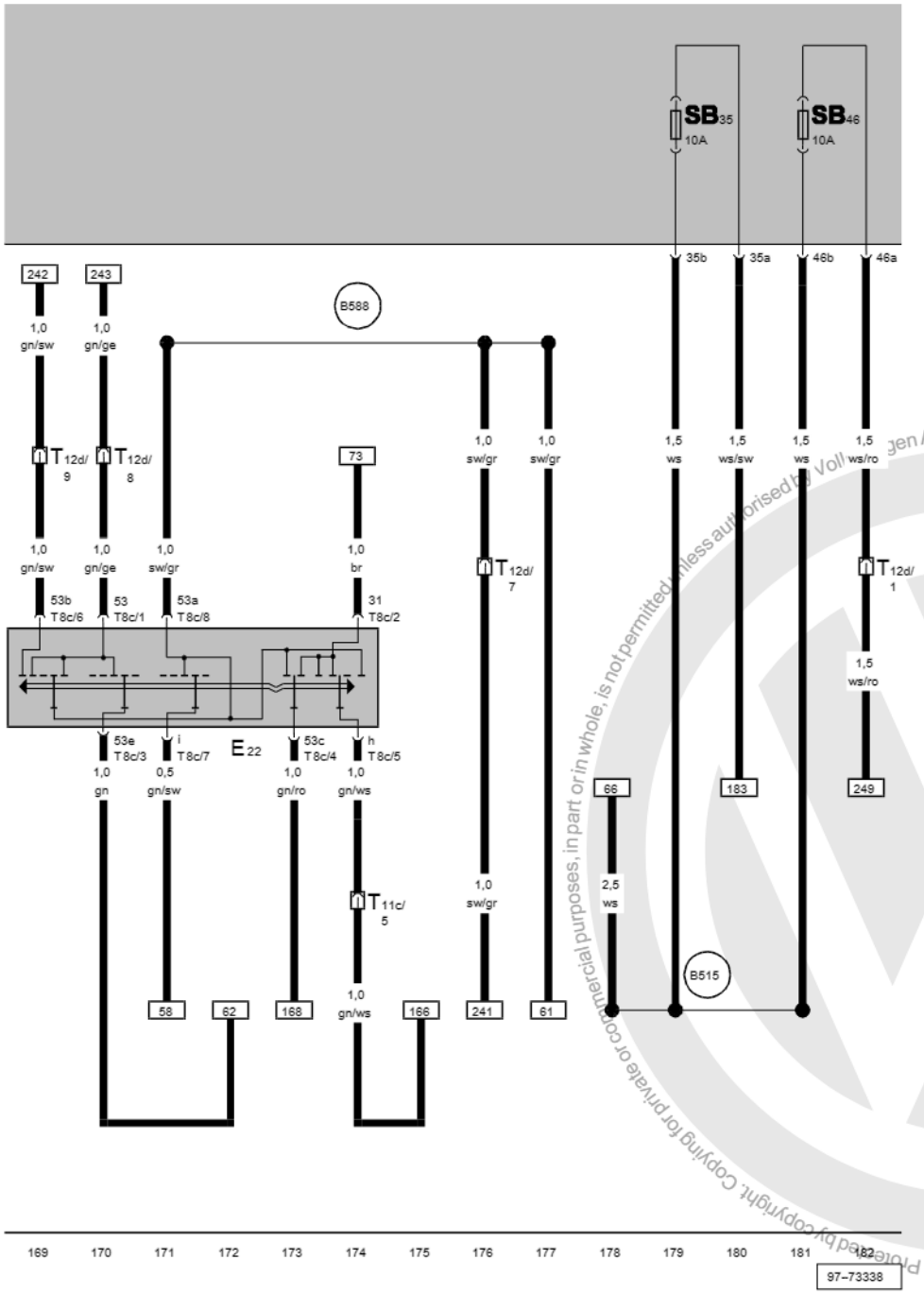


Socket illumination bulb, 12 V socket, windscreen and rear window washer pump, front interior light

L42	Socket illumination bulb
T1e	Single pin connector, on socket illumination bulb
T2ao	2-pin connector, on windscreen and rear window washer pump
T2u	2-pin connector, on 12 V socket
T3e	3-pin connector, on front interior light
T11c	11-pin connector, green, in left engine compartment
U5	12 V socket
V59	Windscreen and rear window washer pump
W1	Front interior light
(278)	Earth connection 4, in interior wiring harness
(606)	Earth point, under the centre console near selector lever
(B129)	Connection (interior light, 31L), in interior wiring harness
(B498)	Connection 1 (53c), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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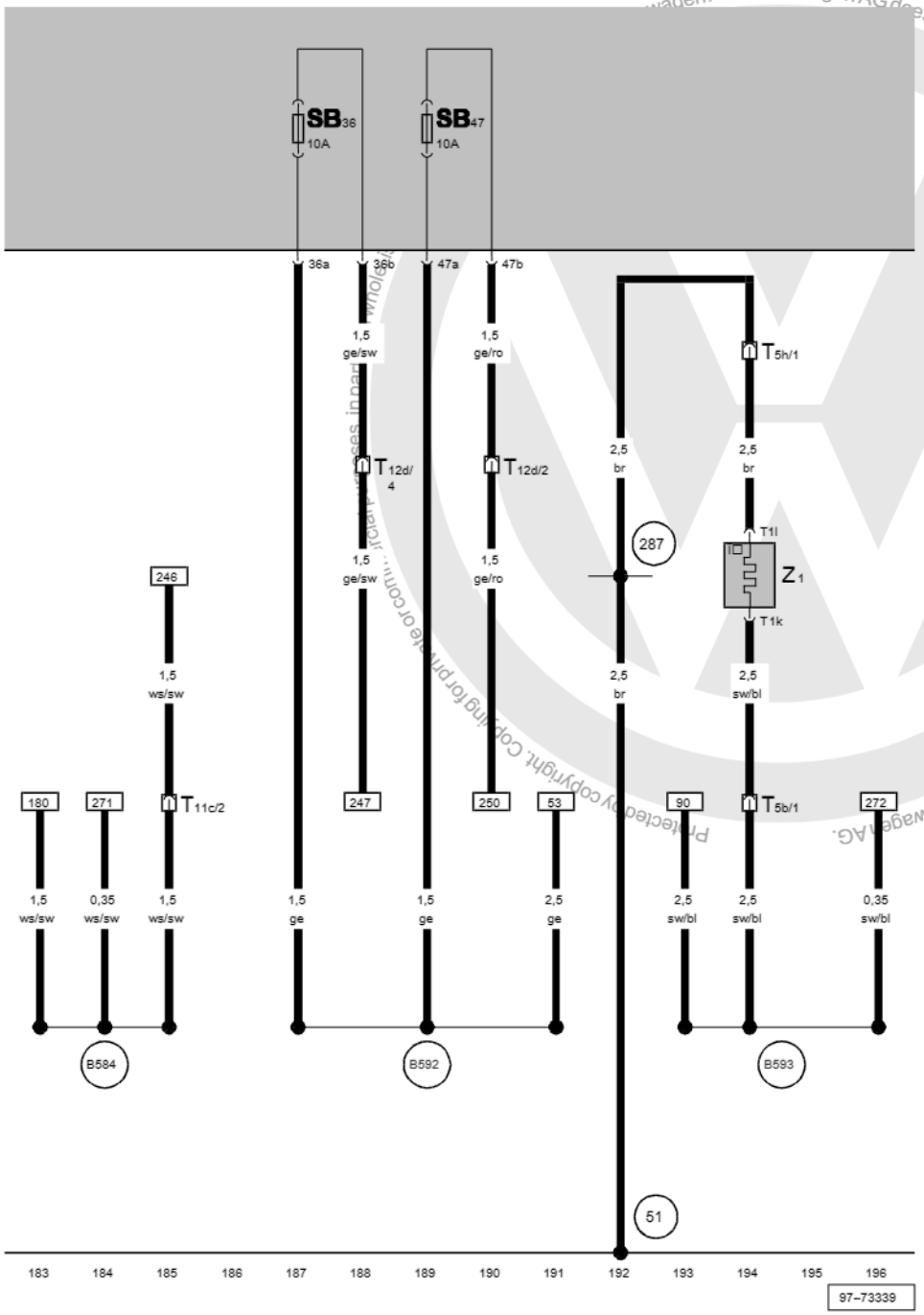


Intermittent wiper switch

E22	Intermittent wiper switch
SB35	Fuse 35 on fuse holder
SB46	Fuse 46 on fuse holder
T8c	8-pin connector, on intermittent wiper switch
T11c	11-pin connector, green, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
B515	Positive connection 4 (87), in interior wiring harness
B588	Positive connection (53a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Heated rear window

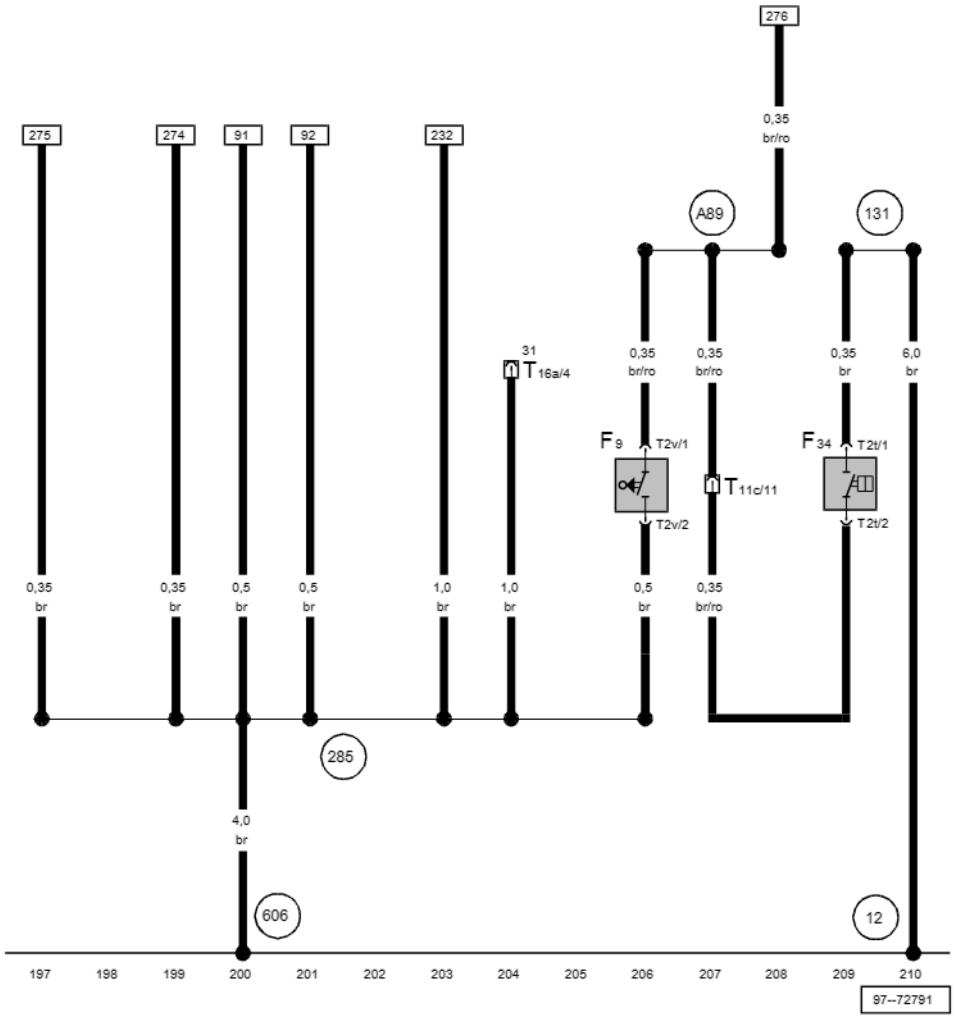
SB36	Fuse 36 on fuse holder
SB47	Fuse 47 on fuse holder
T1k	Single connector, on heated rear window
T1l	Single connector, on heated rear window
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T5h	5-pin connector, in rear lid
T11c	11-pin connector, green, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
Z1	Heated rear window
51	Earth point, in luggage compartment
287	Earth connection, in rear lid feeder wiring harness
B584	Positive connection 1 (87a), in interior wiring harness
B592	Positive connection 8 (87), in interior wiring harness
B593	Positive connection 9 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Handbrake warning switch, brake fluid level warning contact

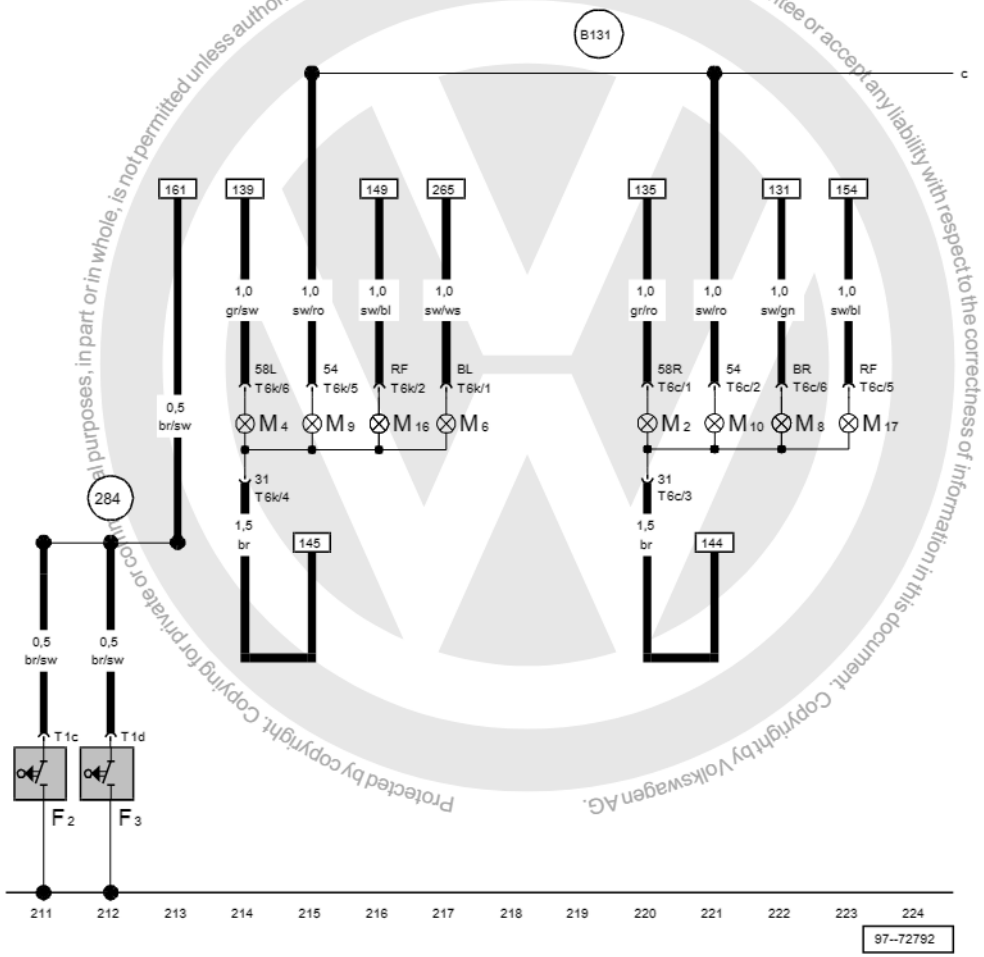
F9	Handbrake warning switch
F34	Brake fluid level warning contact
T2ai	2-pin connector, on brake fluid level warning contact
T2v	2-pin connector, on handbrake warning switch
T11c	11-pin connector, green, in left engine compartment
T16a	16-pin connector, on fuse holder
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
285	Earth connection 7, in interior wiring harness
606	Earth point, under the centre console near selector lever
A89	Connection 2 (54), in dash panel wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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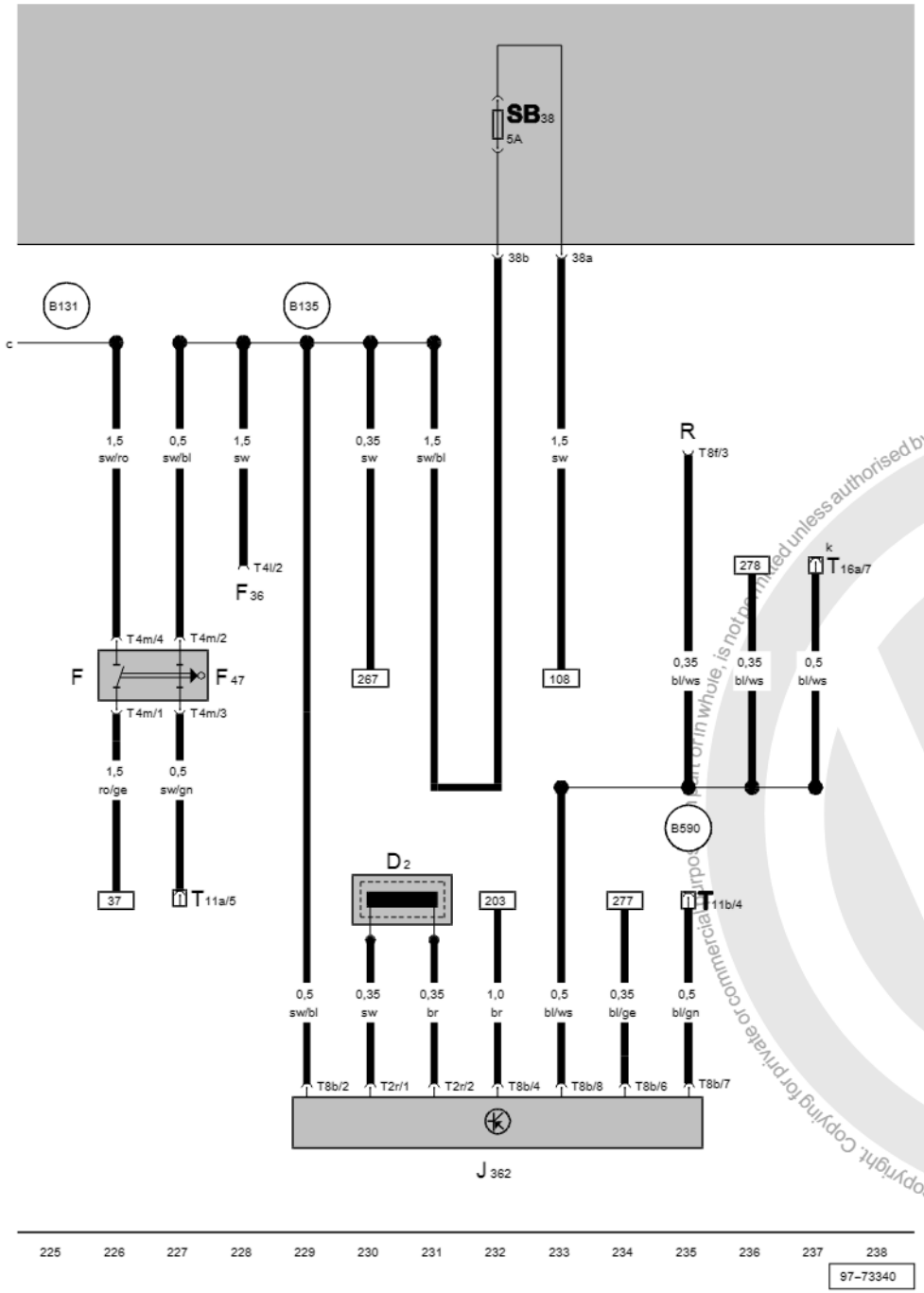


Driver door contact switch, front passenger door contact switch, right tail light bulb, left tail light bulb, rear left turn signal bulb

F2	Driver door contact switch
F3	Front passenger door contact switch
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Reversing light bulb
M17	Reversing light bulb
T1c	Single connector, on driver door contact switch
T1d	Single connector, on front passenger door contact switch
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
284	Earth connection 6, in interior wiring harness
B131	Connection (54), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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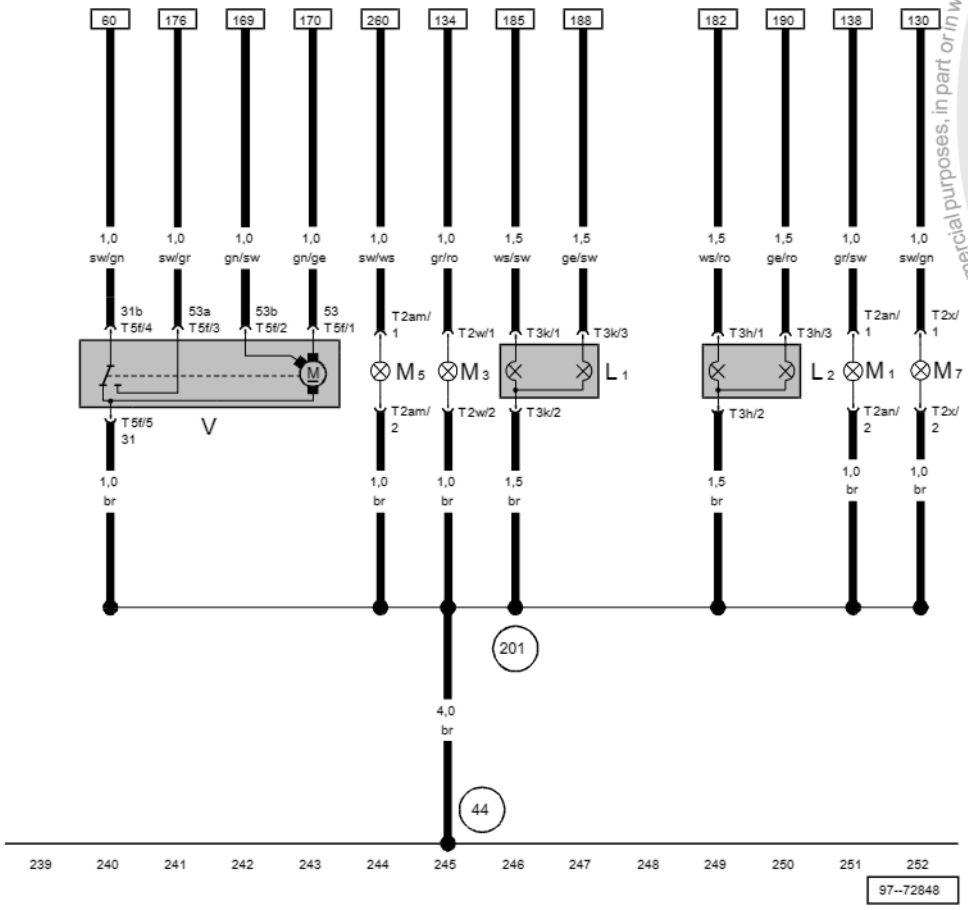


Immobilizer reader coil, brake light switch, brake pedal switch, immobilizer control unit

D2	Immobilizer reader coil
F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J362	Immobilizer control unit
R	Radio
SB38	Fuse 38 on fuse holder
T2r	2-pin connector, on immobilizer control unit
T4l	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake light switch
T8b	8-pin connector, on immobilizer control unit
T8f	8-connector, on radio
T11a	11-pin connector, red, in left engine compartment
T11b	11-pin connector, blue, in left engine compartment
T16a	16-pin connector, on fuse holder
B131	Connection (54), in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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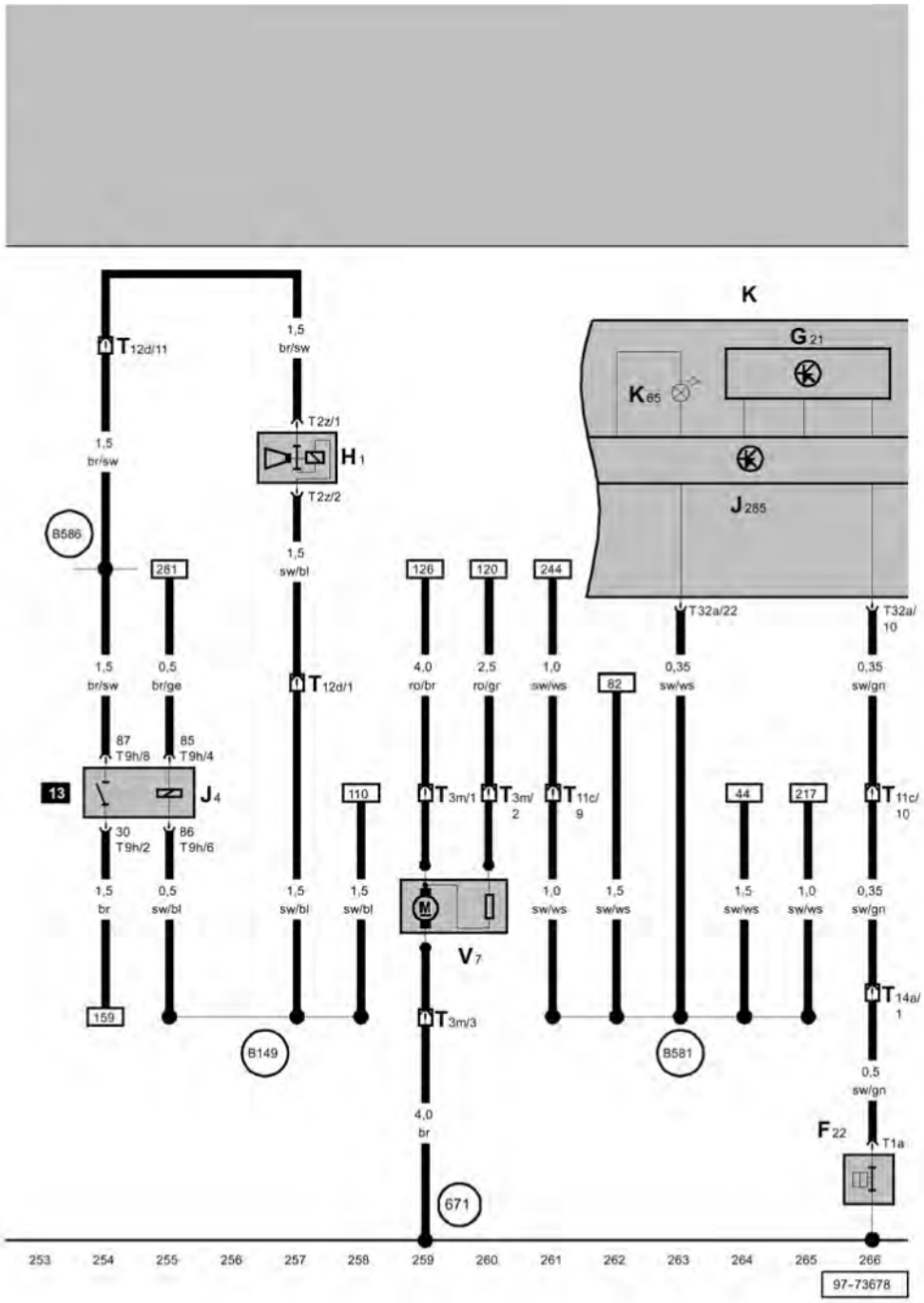


Left headlight twin filament bulb/left sealed beam insert, right headlight twin filament bulb/right sealed beam insert, front left side marker bulb, front right side marker bulb, windscreen wiper motor

L1	Left headlight twin filament bulb/left sealed beam insert
L2	Right headlight twin filament bulb/right sealed beam insert
M1	Front left side marker bulb
M3	Front right side marker bulb
M5	Front left turn signal bulb
M7	Front right turn signal bulb
T2am	2-pin connector, on the front left turn signal bulb
T2an	2-pin connector, on the front left side marker bulb
T2w	2-pin connector, on the front right side marker bulb
T2x	2-pin connector, on the front right turn signal bulb
T3h	3-pin connector, on right headlight twin filament bulb/right sealed beam insert
T3k	3-pin connector, on left headlight twin filament bulb/left sealed beam insert
T5f	5-pin connector, on windscreen wiper motor
V	Windscreen wiper motor
44	Earth point, lower part of left A-pillar
201	Earth connection 5, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

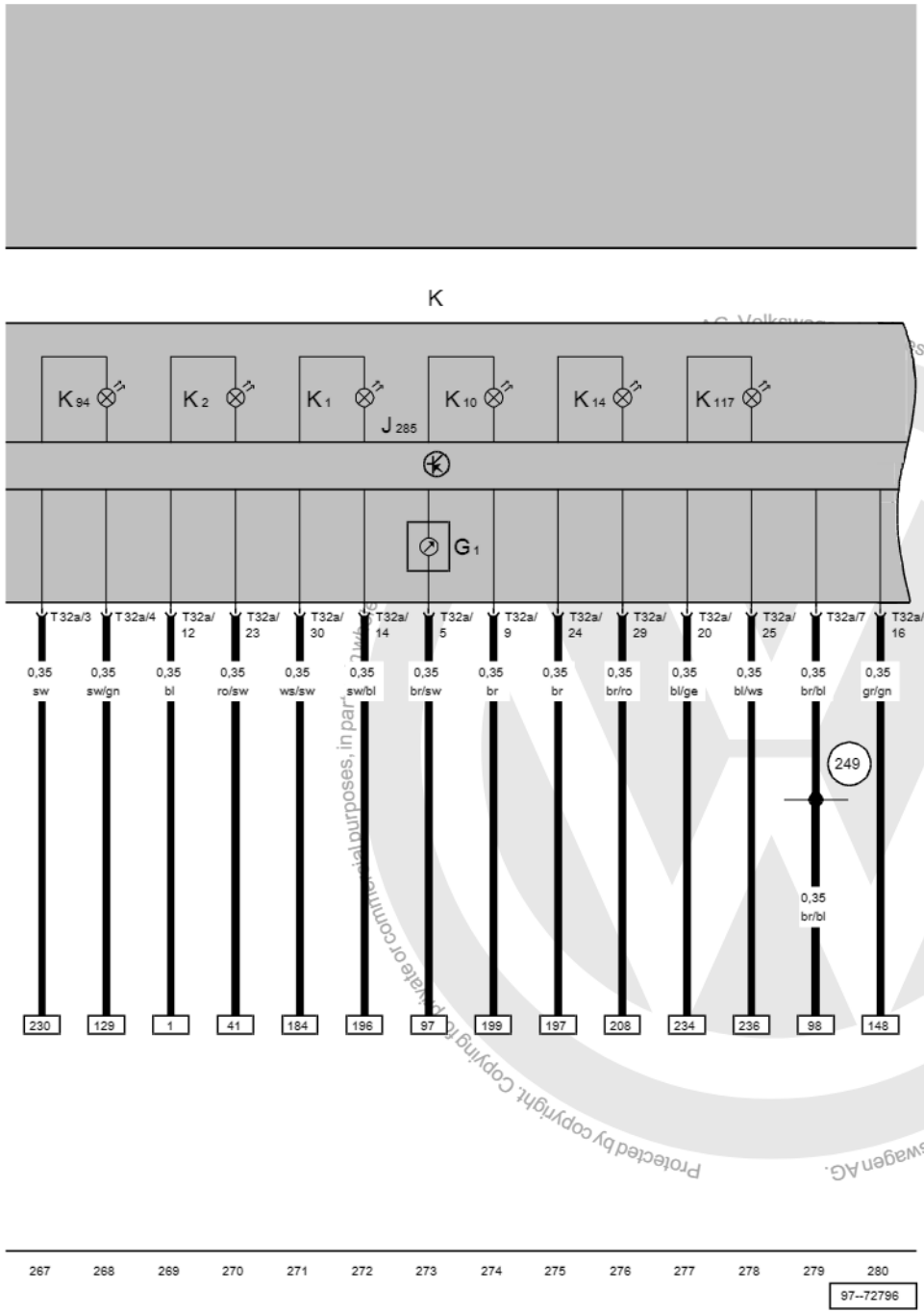
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Oil pressure switch, speedometer, horn or dual tone horn, dual tone horn relay, control unit in dash panel insert, dash panel insert, radiator fan

F22	Oil pressure switch
G21	Speedometer
H1	Horn or dual tone horn
J4	Dual tone horn relay
J285	Control unit in dash panel insert
K	Dash panel insert
K65	Left turn signal warning lamp
T1a	Single pin connector, on oil pressure switch
T2z	2-pin connector, on horn or dual tone horn
T3m	3-pin connector, in front left engine compartment
T9h	9-pin connector, on dual tone horn relay
T11c	11-pin connector, green, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
T14a	14-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert
V7	Radiator fan
671	Earth point 1, on front of left longitudinal member
B149	Positive connection 2 (15a), in interior wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness
B586	Positive connection 6 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

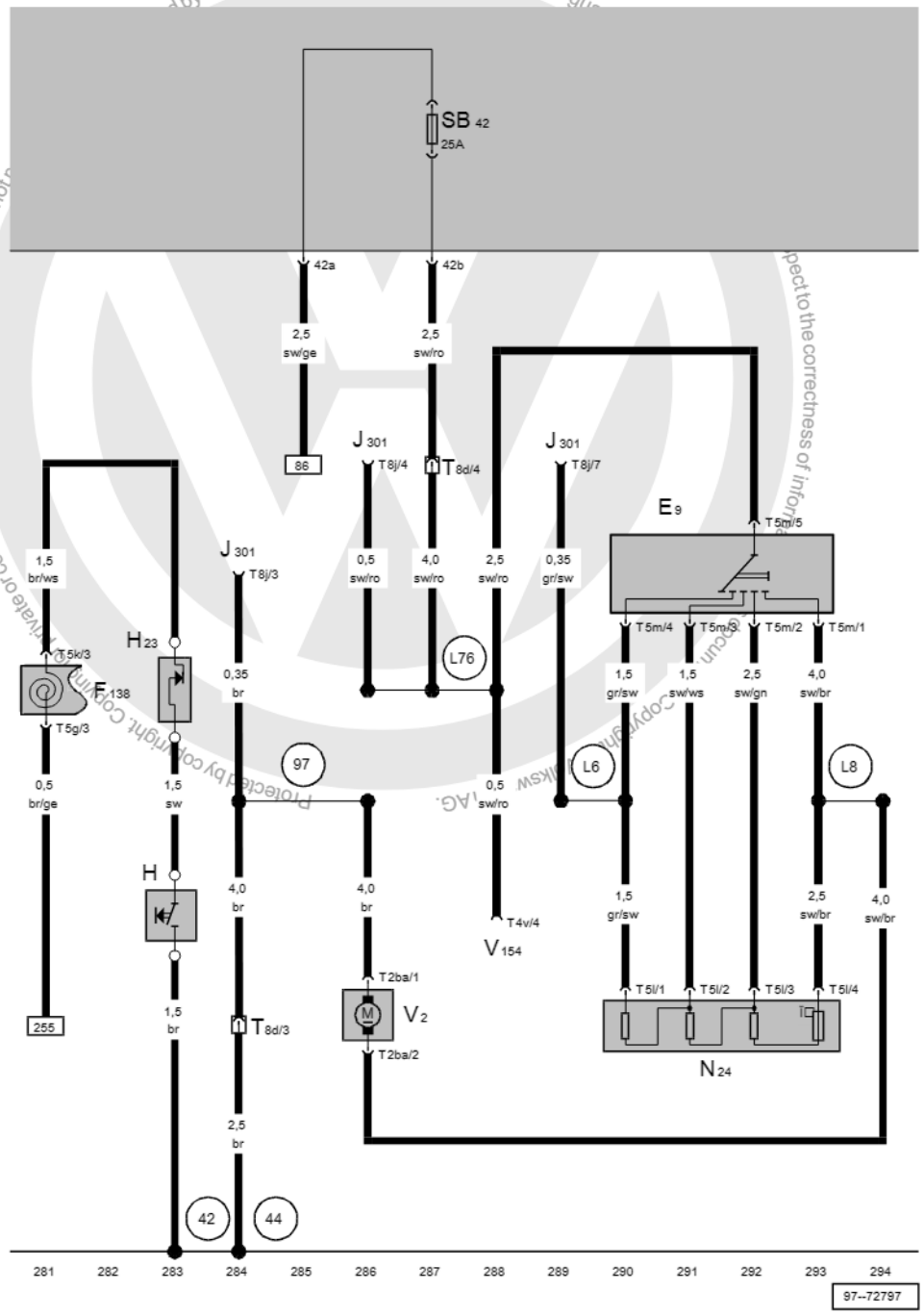


Fuel gauge, control unit in dash panel insert, dash panel insert, main beam warning lamp, alternator warning lamp, handbrake warning lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K10	Heated rear window warning lamp
K14	Handbrake warning lamp
K94	Right turn signal warning lamp
K117	Immobilizer warning lamp
T32a	32-pin connector, on dash panel insert
(249)	Earth connection 2, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fresh air blower switch, fresh air blower

E9	Fresh air blower switch
F138	Airbag coil connector and return spring with slip ring
H	Horn or dual tone horn
H23	Horn activation contact ring
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
SB42	Fuse 42 on fuse holder
T2ba	2-pin connector, on fresh air blower
T4v	4-pin connector, on fresh air and air recirculation flap control motor
T5g	5-pin connector, on airbag coil connector and return spring with slip ring
T5k	5-pin connector, on airbag coil connector and return spring with slip ring
T5l	5-pin connector, on fresh air blower series resistor with overheating fuse
T5m	5-pin connector, on fresh air blower switch
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
V2	Fresh air blower
V154	Fresh air/recirculated air flap control motor
42	Earth point, next to steering column
44	Earth point, lower part of left A-pillar
97	Earth connection 1, in air conditioning system wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness
L76	Connection (87), in evaporator housing unit wiring harness

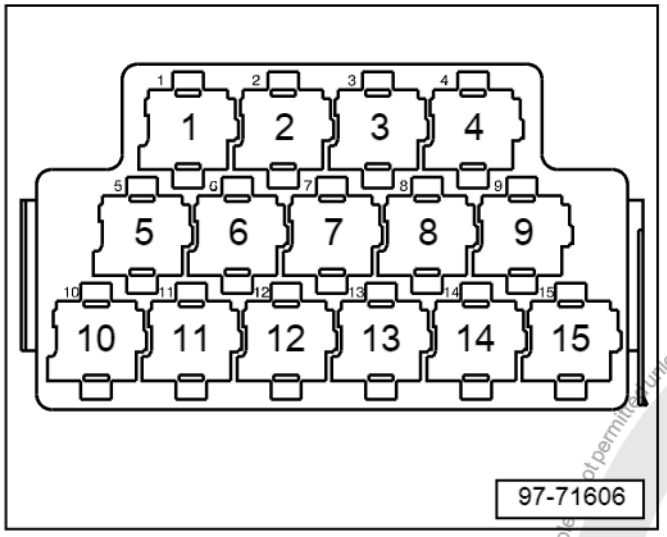
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Airbag

from September 2003

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

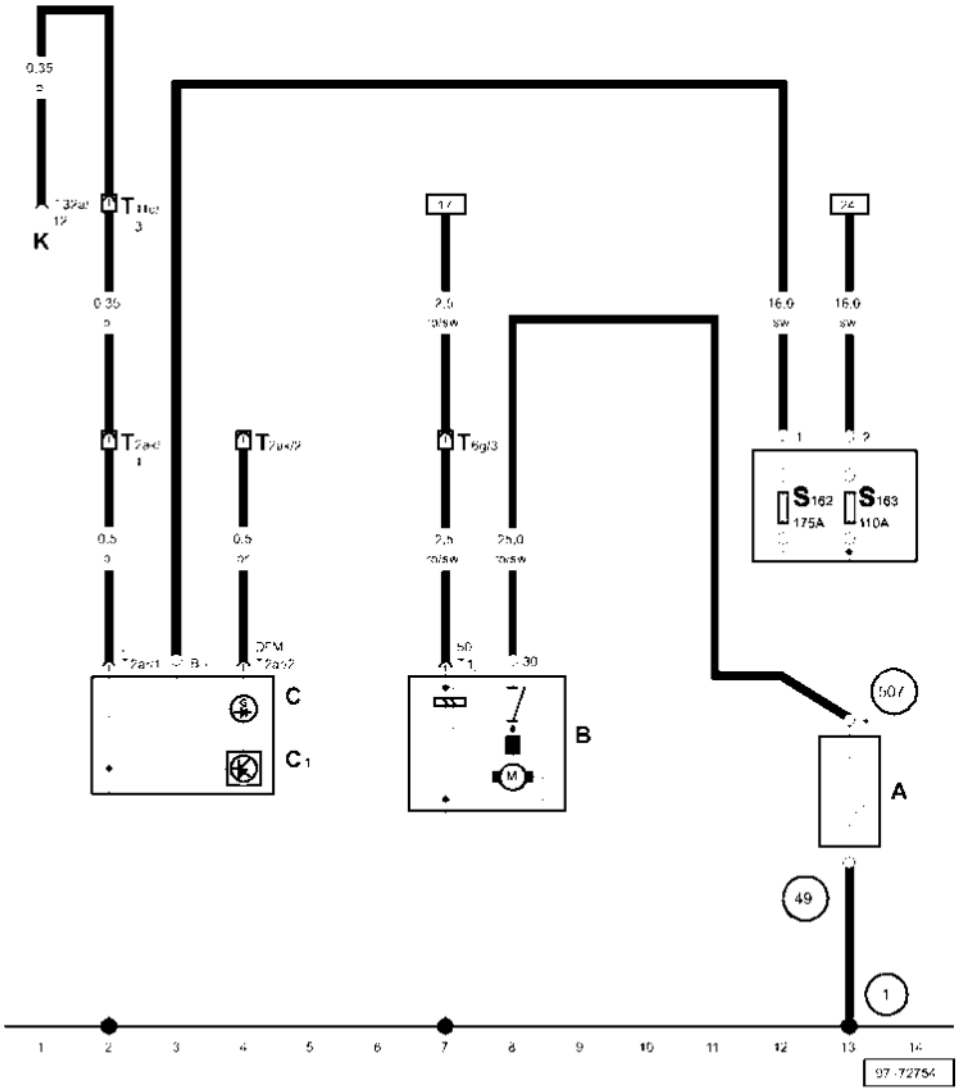
Relay locations on relay plate:



Note:

- *The number in brackets denotes the control number on relay.*

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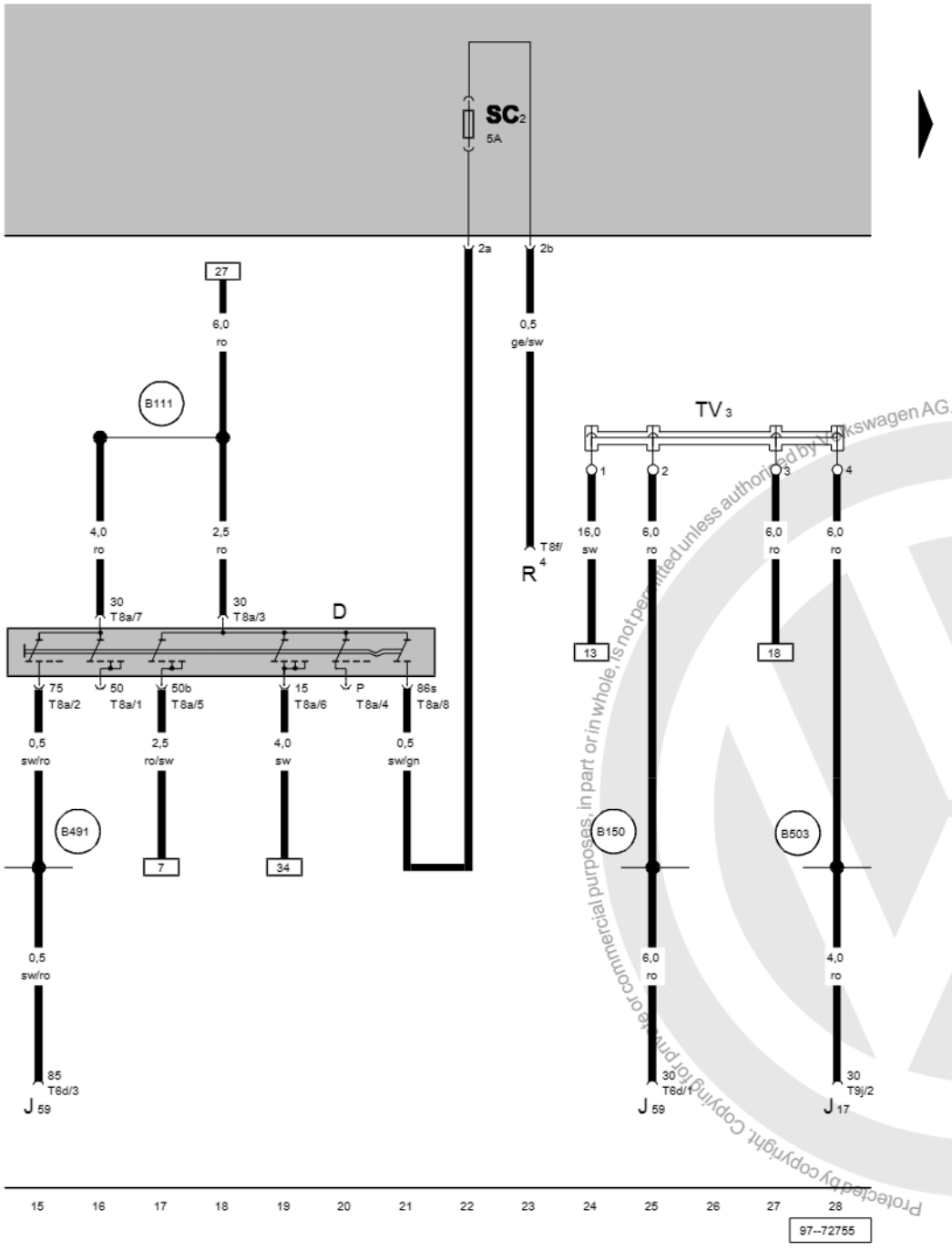


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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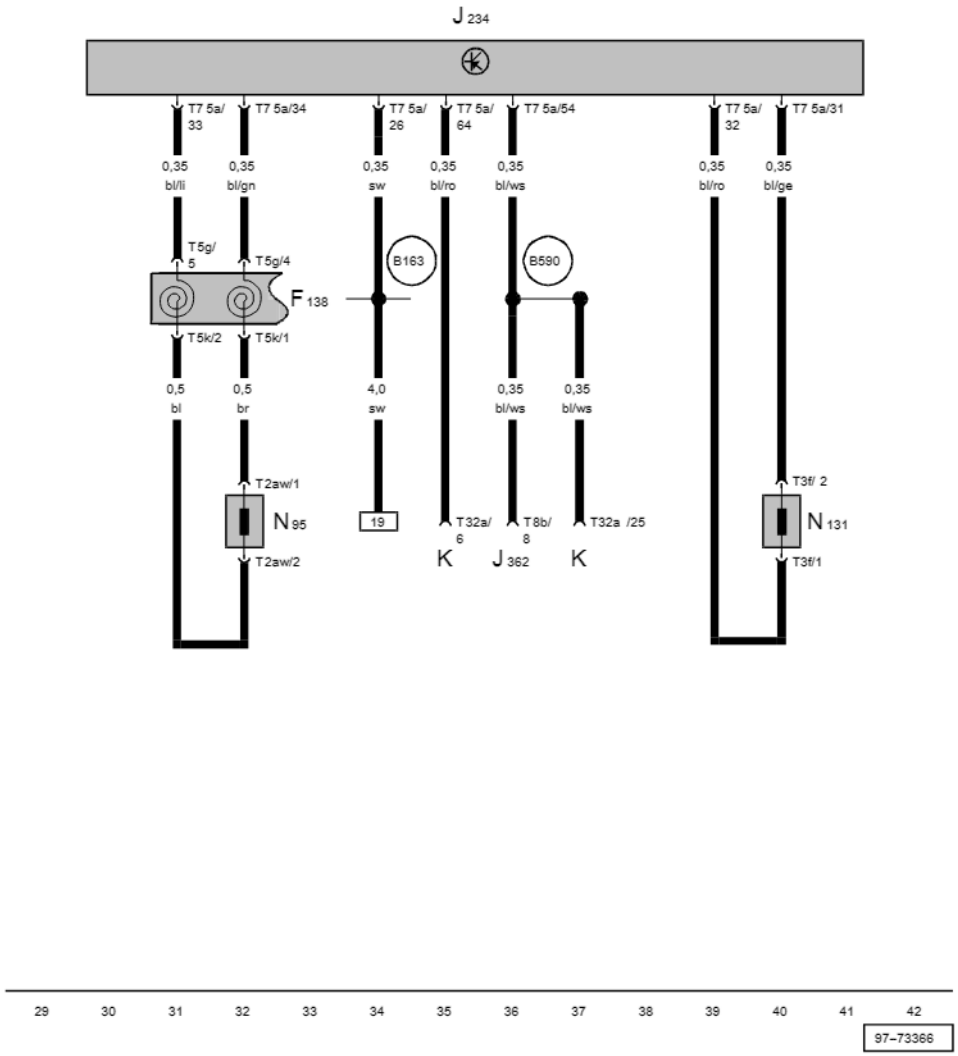
Ignition/starter switch, terminal 30a wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J59	X-contact relief relay
R	Radio
SC2	Fuse 2 on fuse holder
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
T8f	8-connector, on radio
T9j	9-pin connector, on fuel pump relay
TV3	Terminal 30a wiring junction
B111	Positive connection 1 (30a), in interior wiring harness
B150	Positive connection 2 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B503	Positive connection 7 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Airbag coil connector and return spring with slip ring, driver side airbag igniter, front passenger side airbag igniter 1

F138	Airbag coil connector/return spring with slip ring
J234	Airbag control unit
J362	Immobilizer control unit
K	Dash panel insert
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
T2aw	2-pin connector, on driver side airbag igniter
T3f	3-pin connector, on front passenger side airbag igniter 1
T5g	5-pin connector, on slip contact
T5k	5-pin connector, on slip contact for airbag
T8b	8-pin connector, on immobilizer control unit
T32a	32-pin connector, on dash panel insert
T75a	75-pin connector, on airbag control unit
B163	Positive connection 1 (15), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Fog lights

from September 2003 up to July 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

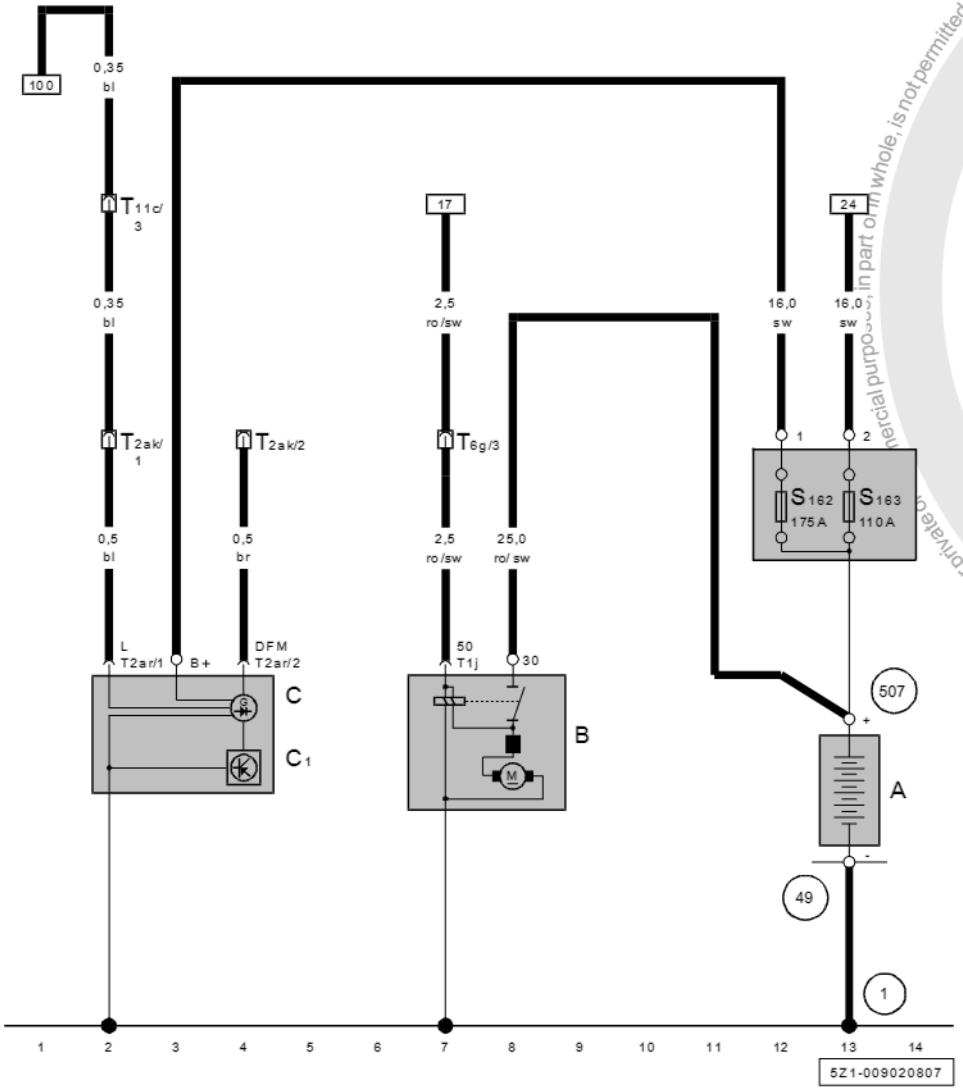
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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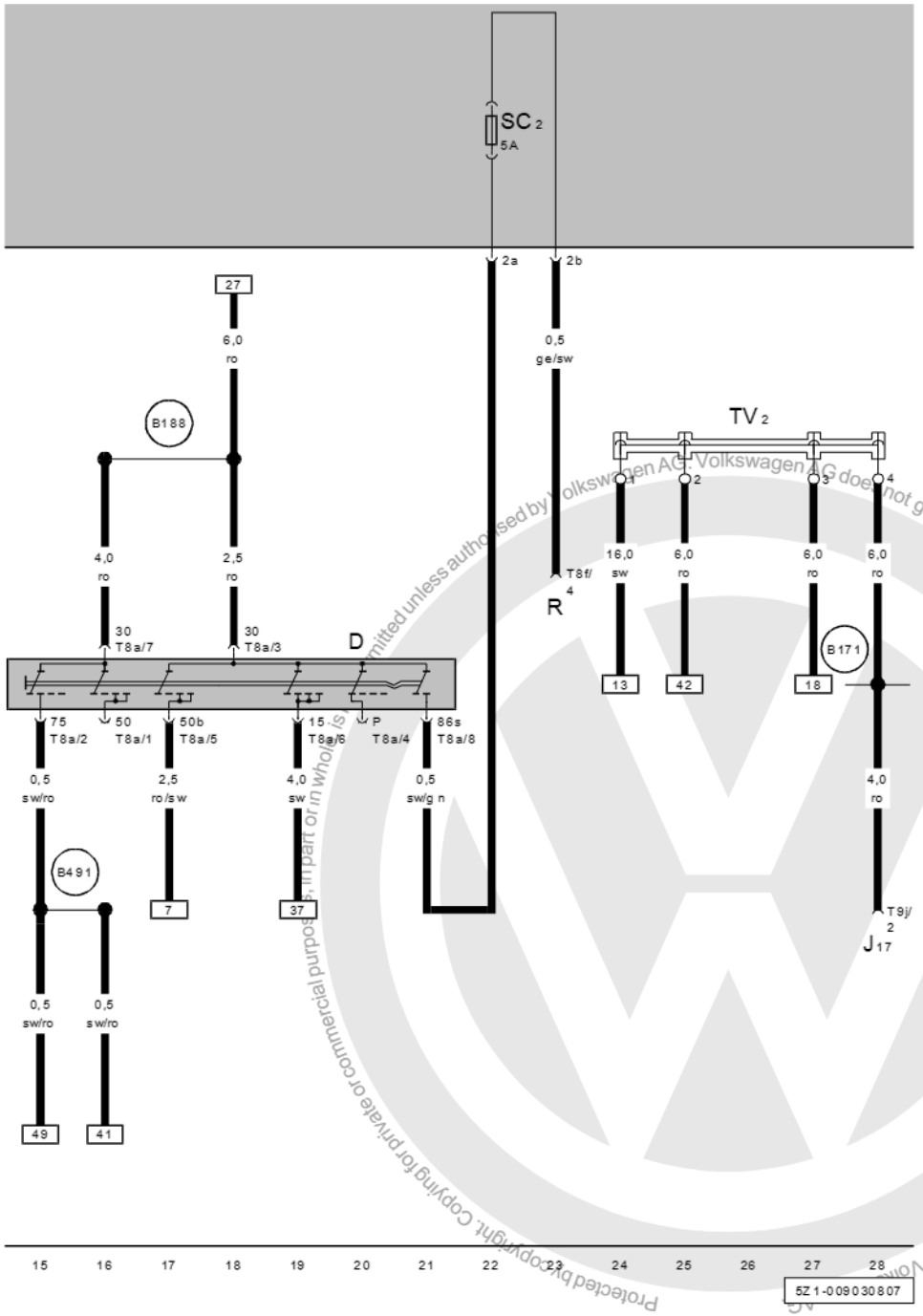


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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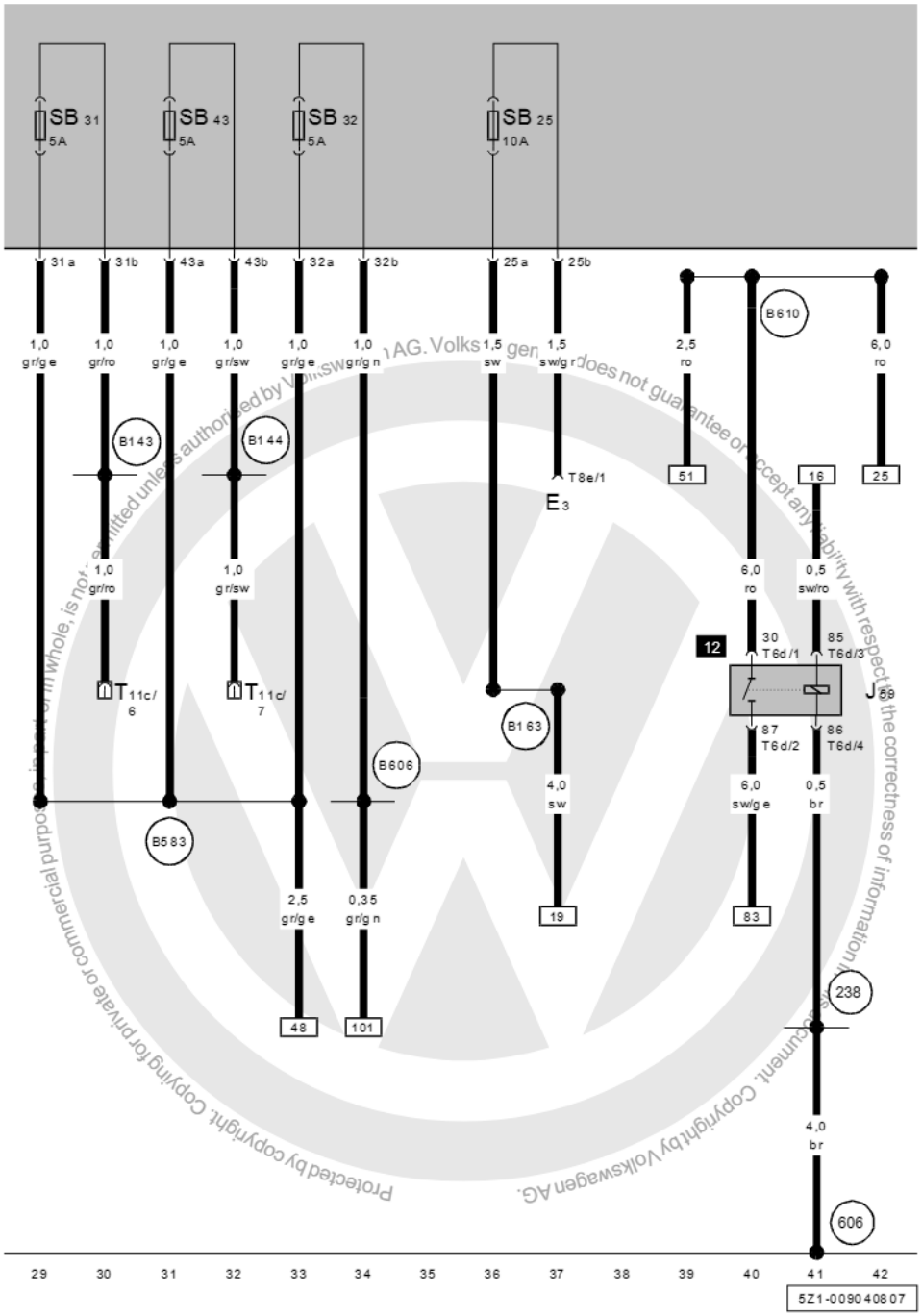


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
SC2	Fuse 2 on fuse holder C
R	Radio
T8a	8-connector, on ignition/starter switch
T8f	8-connector, on radio
T9j	9-pin connector, on fuel pump relay
TV2	Terminal 30 wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

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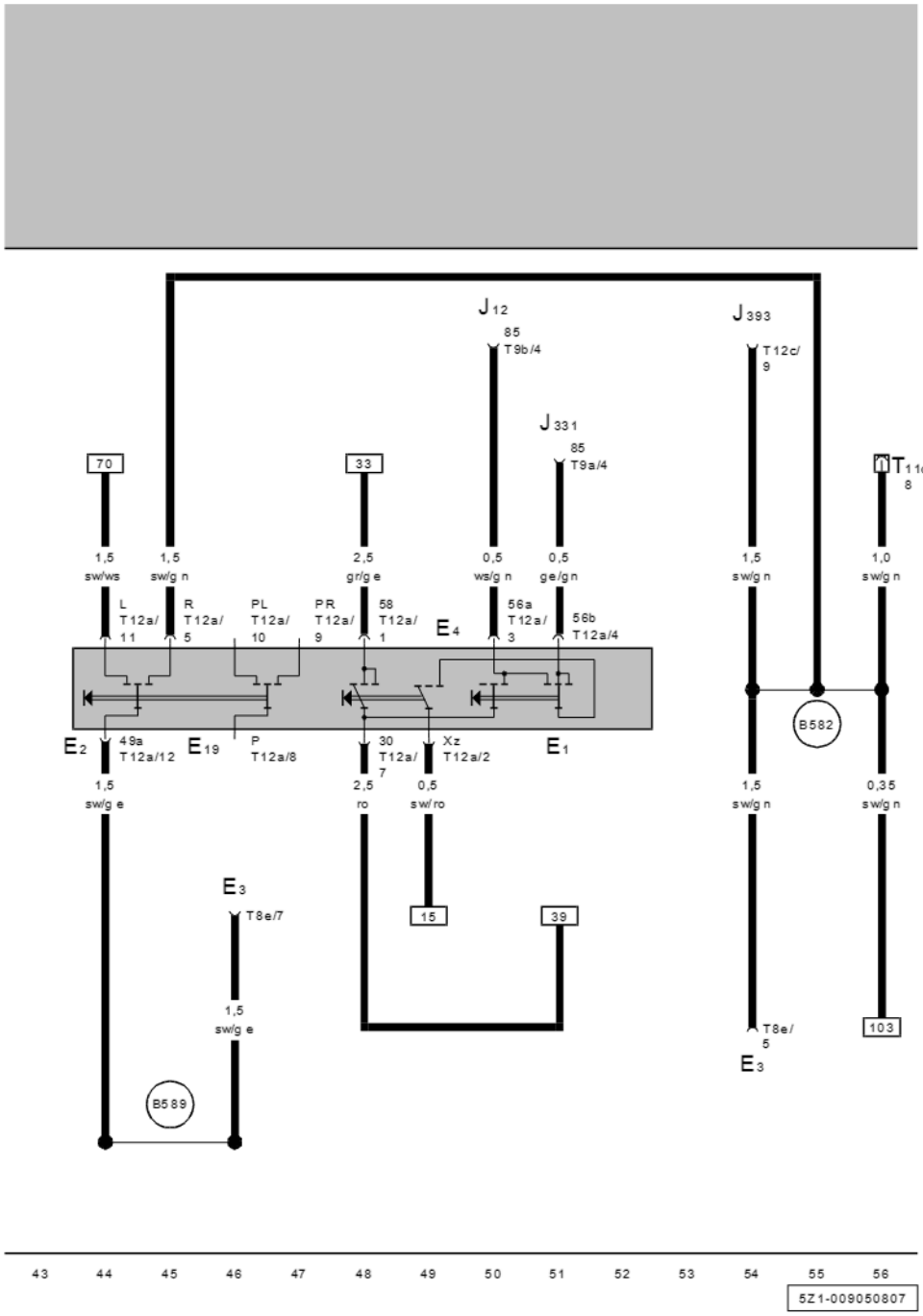


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X-contact relief relay

E3	Hazard warning light switch
J59	X-contact relief relay
SB25	Fuse 25 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB43	Fuse 43 on fuse holder B
T8e	8-connector, on hazard warning light switch
T6d	6-pin connector, on X-contact relief relay
T11c	11-pin connector, in left engine compartment
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B606	Connection 2, in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

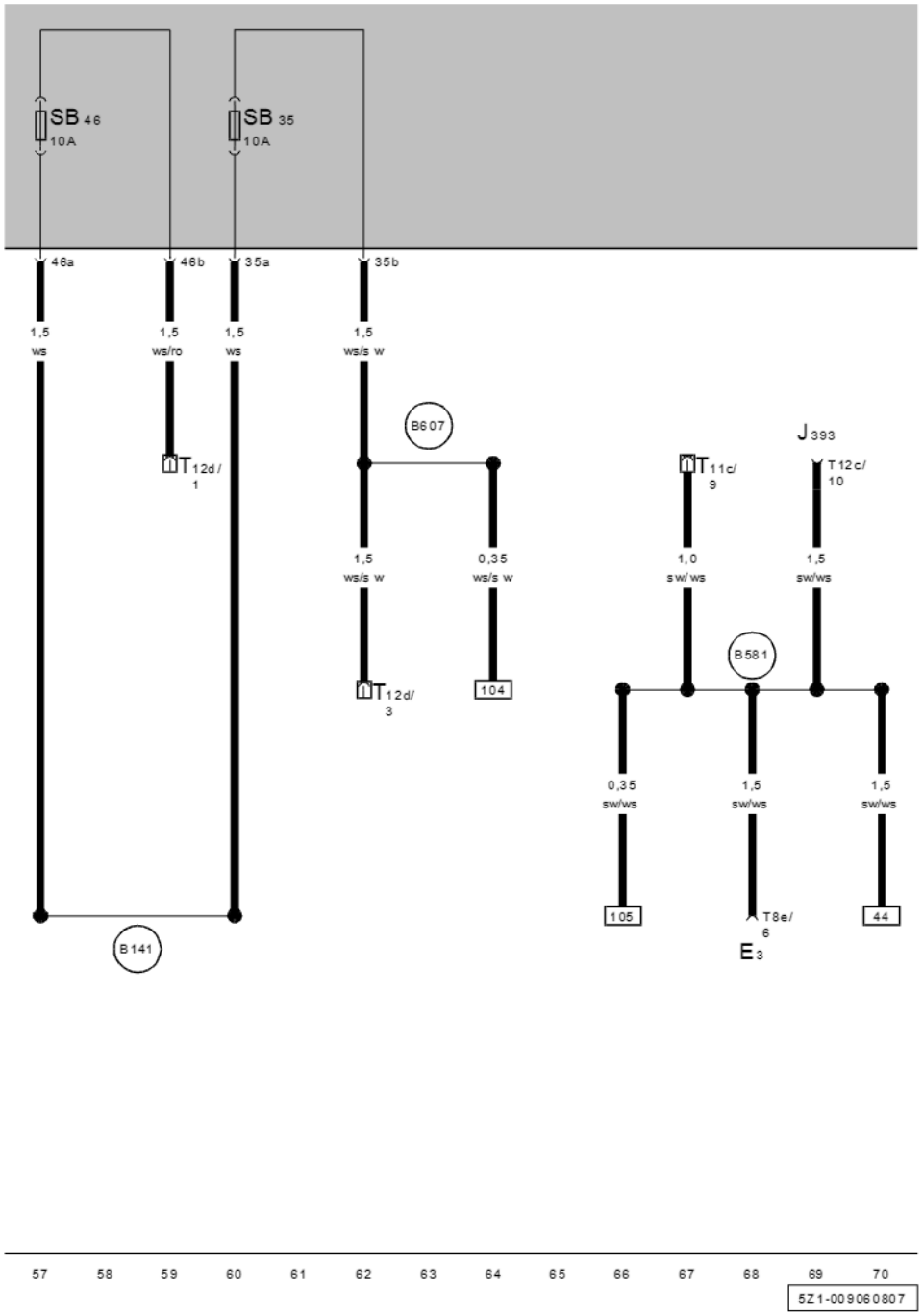


Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch

E1	Light switch
E2	Turn signal switch
E3	Hazard warning light switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J12	Headlight main beam relay
J331	Dipped beam relay
J393	Convenience system central control unit
T8e	8-connector, on hazard warning light switch
T9a	9-pin connector, on dipped beam relay
T9b	9-pin connector, on headlight main beam relay
T11c	11-pin connector, in left engine compartment
T12a	12-pin connector, on light switch
T12c	12-pin connector, on convenience system central control unit
B582	Positive connection (right indicator lamp), interior wiring harness
B589	Connection (49a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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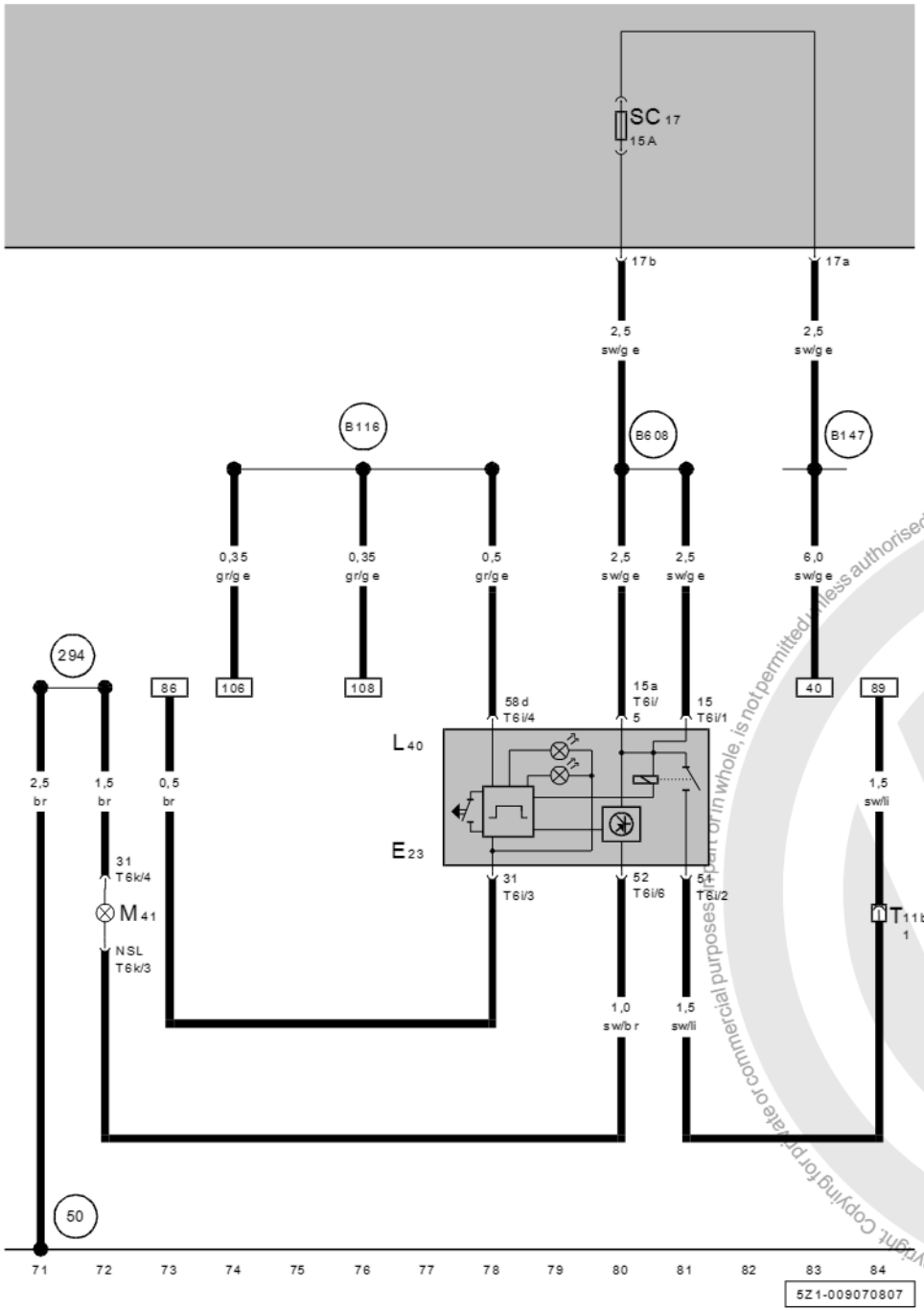


Fuses

E3	Hazard warning light switch
J393	Convenience system central control unit
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T8e	8-connector, on hazard warning light switch
T11c	11-pin connector, in left engine compartment
T12c	12-pin connector, on convenience system central control unit
T12d	12-pin connector, in left engine compartment
B141	Positive connection 1 (56a), in interior wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness
B607	Connection 3, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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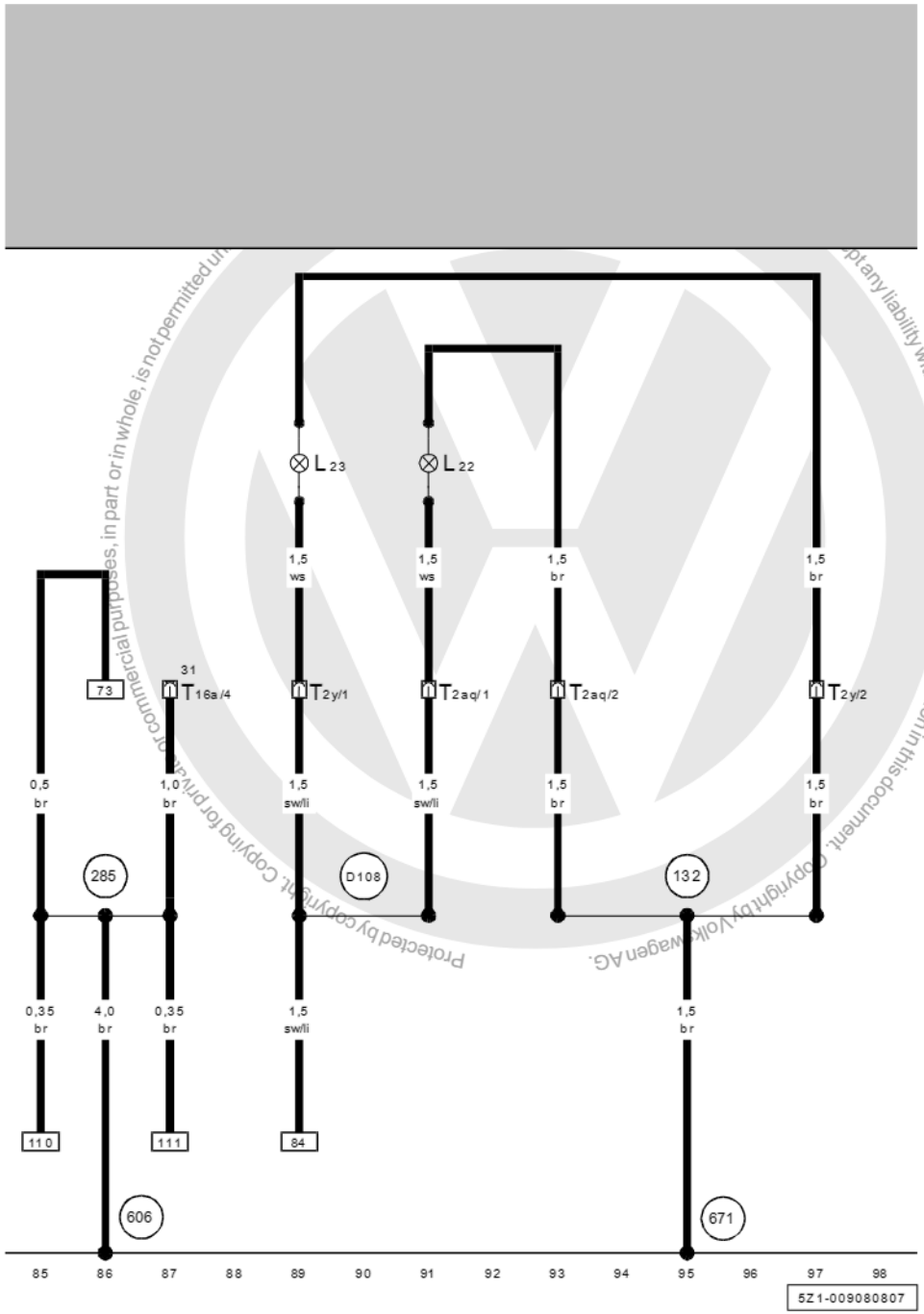


Front and rear fog light switch, front and rear fog light switch illumination bulb, left tail light and rear fog light bulb

E23	Front and rear fog light switch
L40	Front and rear fog light switch illumination bulb
M41	Left tail light and rear fog light bulb
SC17	Fuse 17 on fuse holder C
T6i	6-pin connector, on front and rear fog light switch
T6k	6-pin connector, on the rear left turn signal bulb
T11b	11-pin connector, in left engine compartment
50	Earth points, on left in luggage compartment
294	Earth connection 9, in interior wiring harness
B116	Connection (58d), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness
B608	Connection 4, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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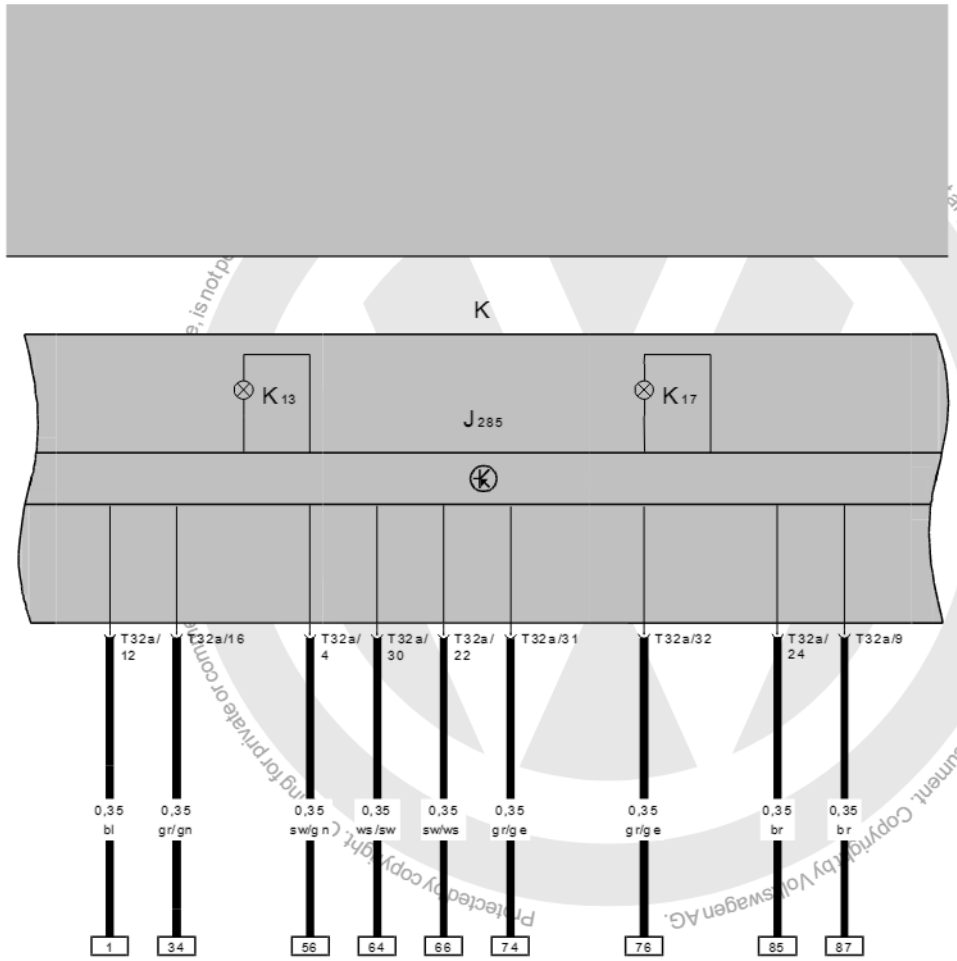


Left fog light bulb, right fog light bulb

L22	Left fog light bulb
L23	Right fog light bulb
T2aq	2-pin connector, on left fog light bulb
T2y	2-pin connector, on right fog light bulb
T16a	16-pin connector, diagnostic
132	Earth connection 3, in engine compartment wiring harness
285	Earth connection 7, in interior wiring harness
606	Earth point, under the centre console near selector lever
671	Earth point 1, on front of left longitudinal member
D108	Connection 6, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Control unit in dash panel insert, dash panel insert, rear fog light warning lamp, fog light warning lamp

J285	Control unit in dash panel insert
K	Dash panel insert
K13	Rear fog light warning lamp
K17	Fog light warning lamp
T32a	32-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Air conditioning system

⇒ 1.6 l/74-76 kW Motronic, engine code BJA
⇒ 1.6 l/74 kW Motronic, engine code BAH
⇒ 1.6 l/74-76 kW Motronic, engine code BPA
⇒ 1.6 l/74 kW Motronic, engine code BLH
from October 2003

Notes:
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

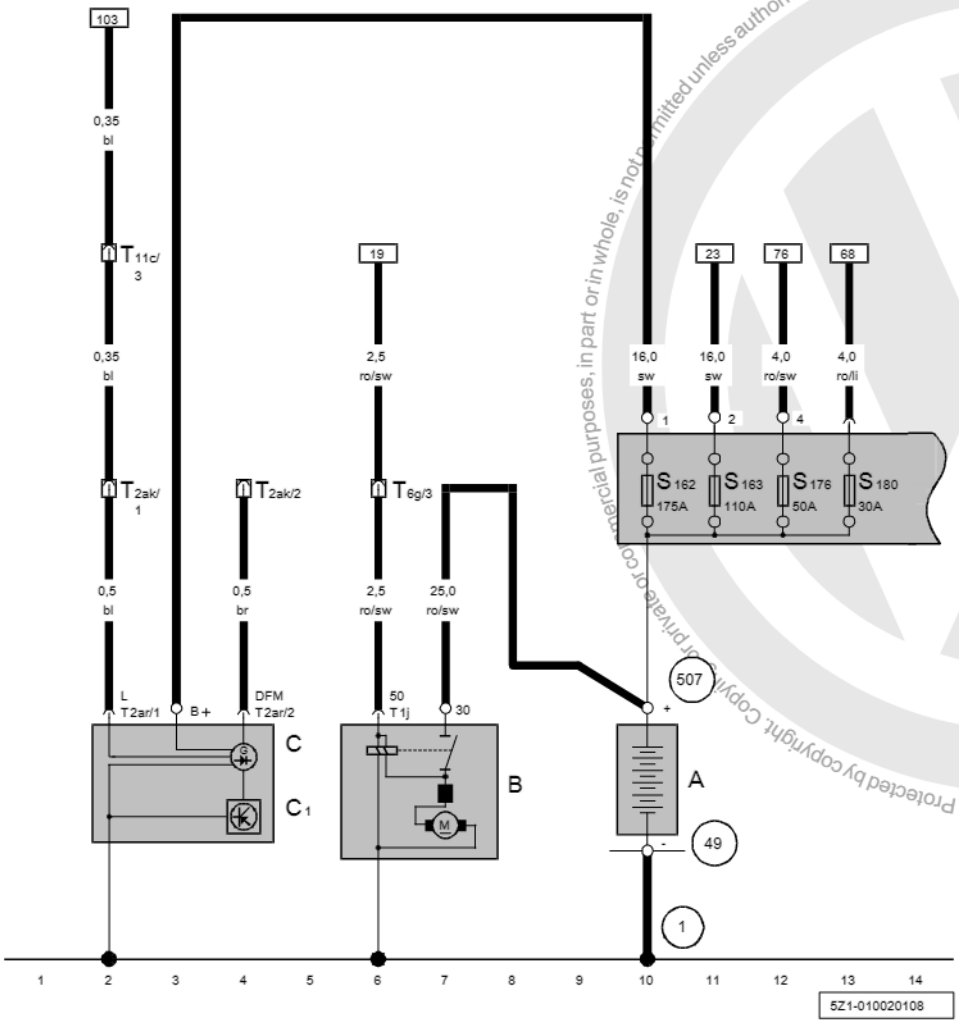
⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

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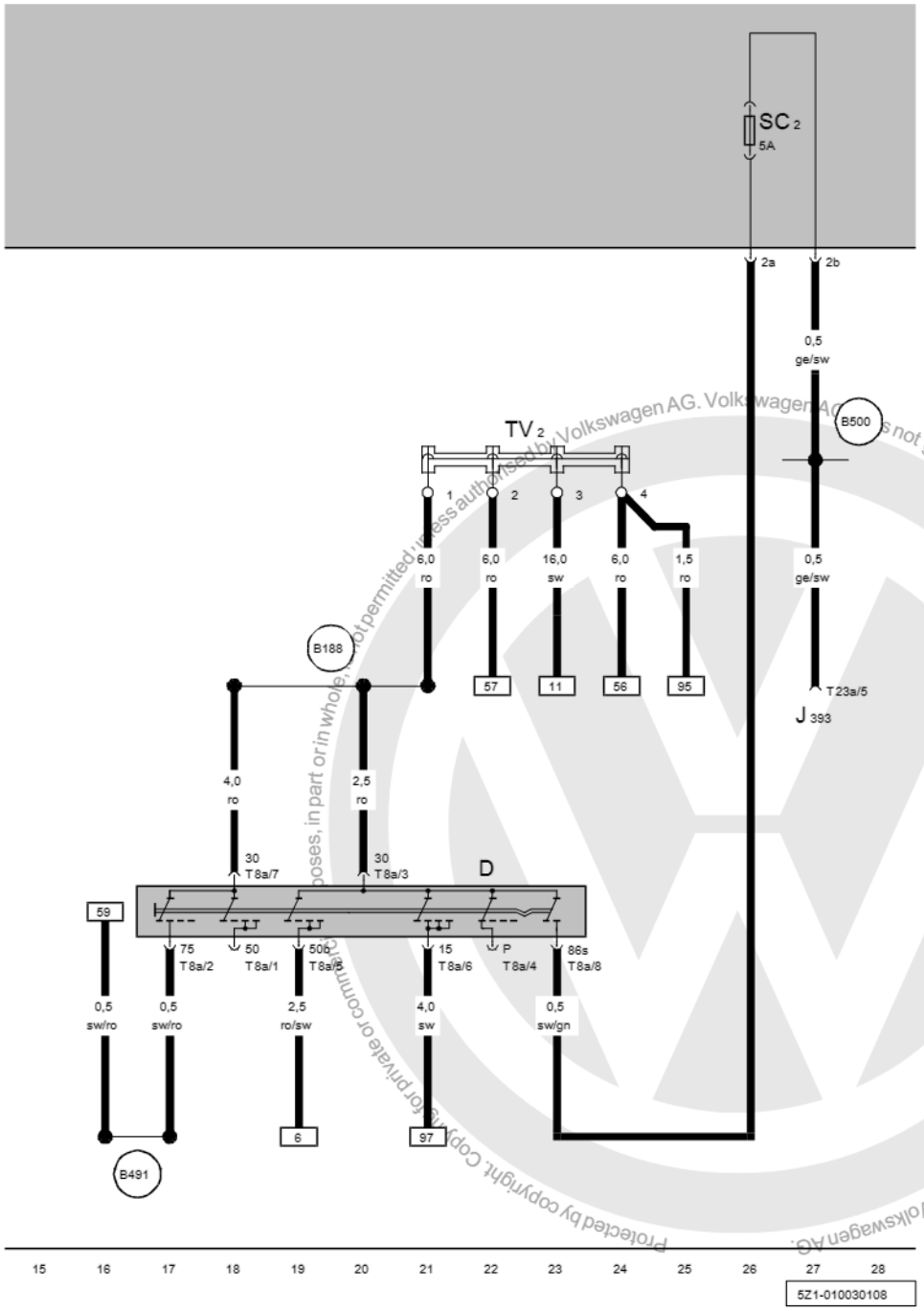
Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S176	Fuse 4 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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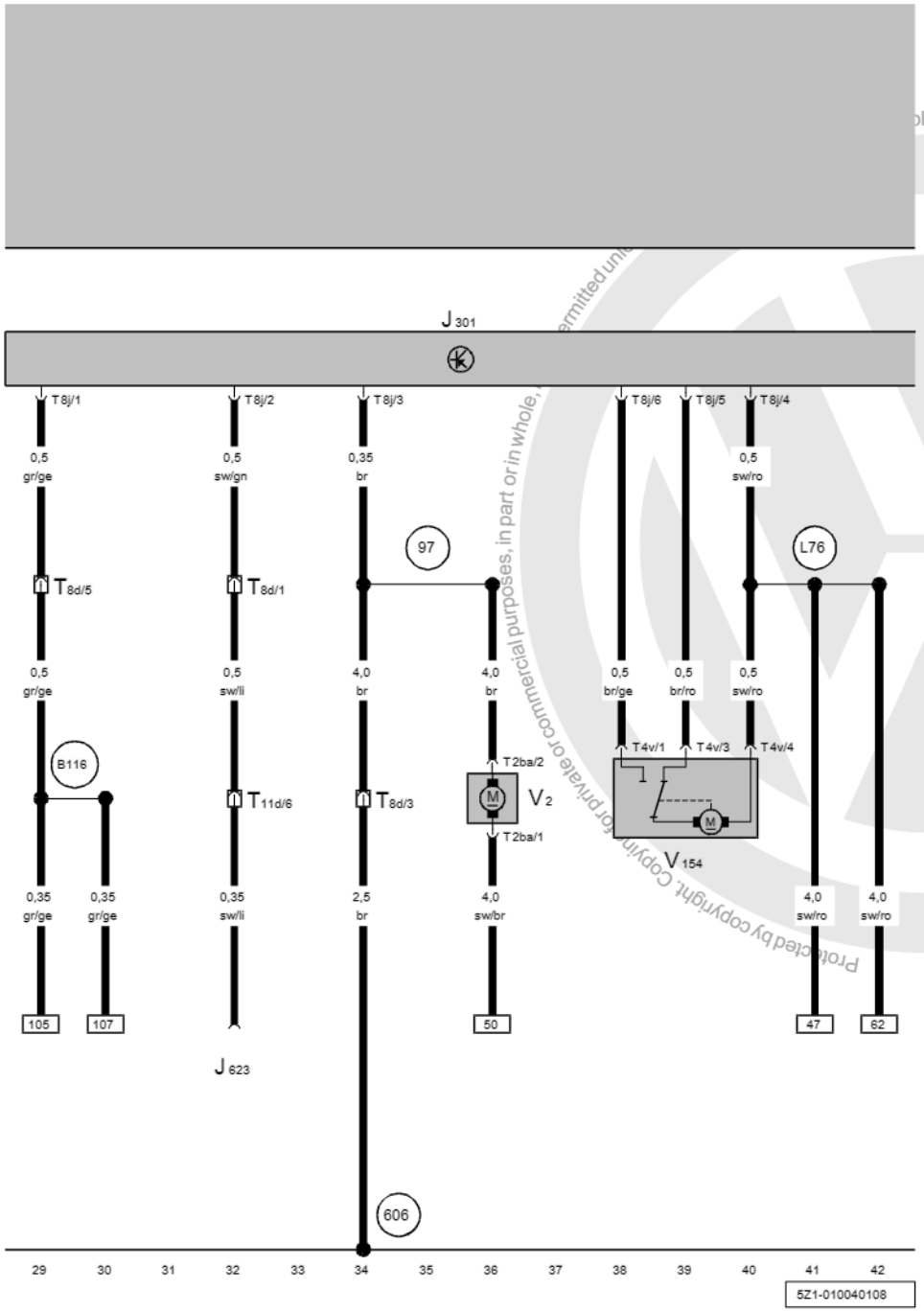


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector, on ignition/starter switch
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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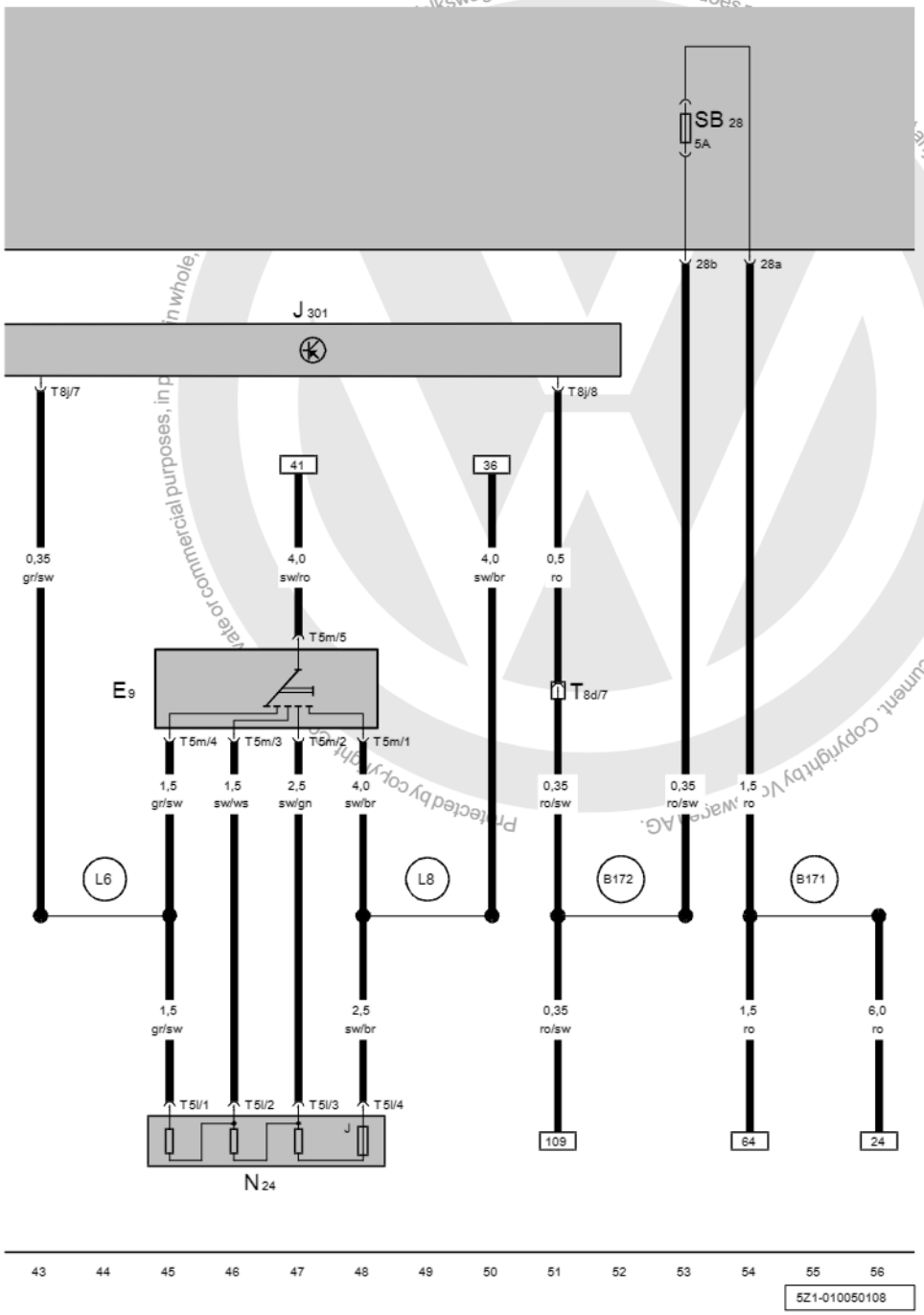


Air conditioning system control unit, fresh air blower, fresh air/recirculated air flap control motor

J301	Air conditioning system control unit
J623	Engine control unit
T2ba	2-pin connector, on fresh air blower
T4v	4-pin connector, on fresh air and air recirculation flap control motor
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
T11d	11-pin connector, in left engine compartment
V2	Fresh air blower
V154	Fresh air/recirculated air flap control motor
97	Earth connection 1, in air conditioning system wiring harness
606	Earth point, under the centre console near selector lever
B116	Connection (58d), in interior wiring harness
L76	Connection (87), in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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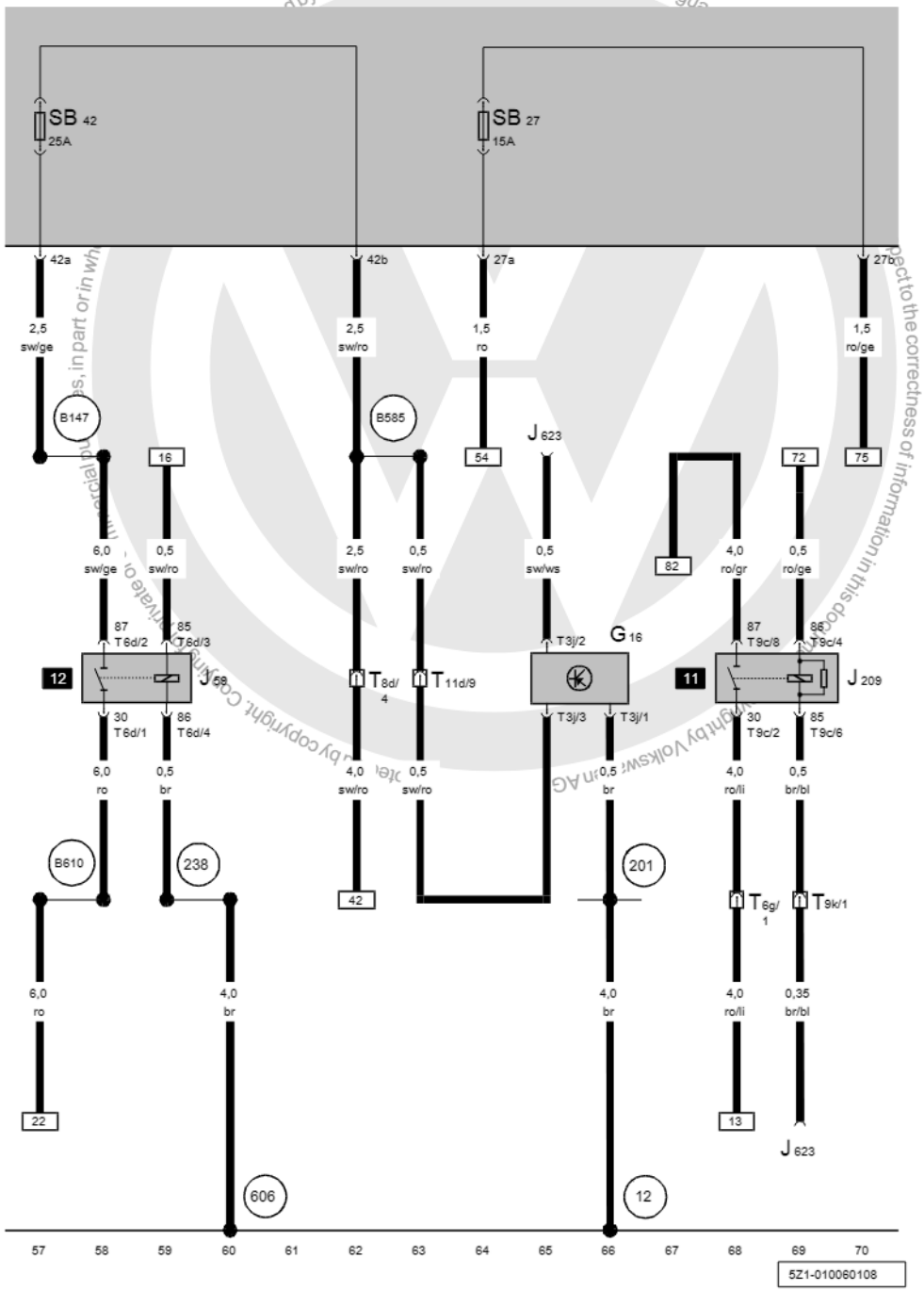


Fresh air blower switch, air conditioning system control unit, fresh air blower series resistor with overheating fuse

E9	Fresh air blower switch
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
SB28	Fuse 28 on fuse holder B
T5l	5-pin connector, on fresh air blower series resistor with overheating fuse
T5m	5-pin connector, on fresh air blower switch
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
B171	Positive connection 3 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

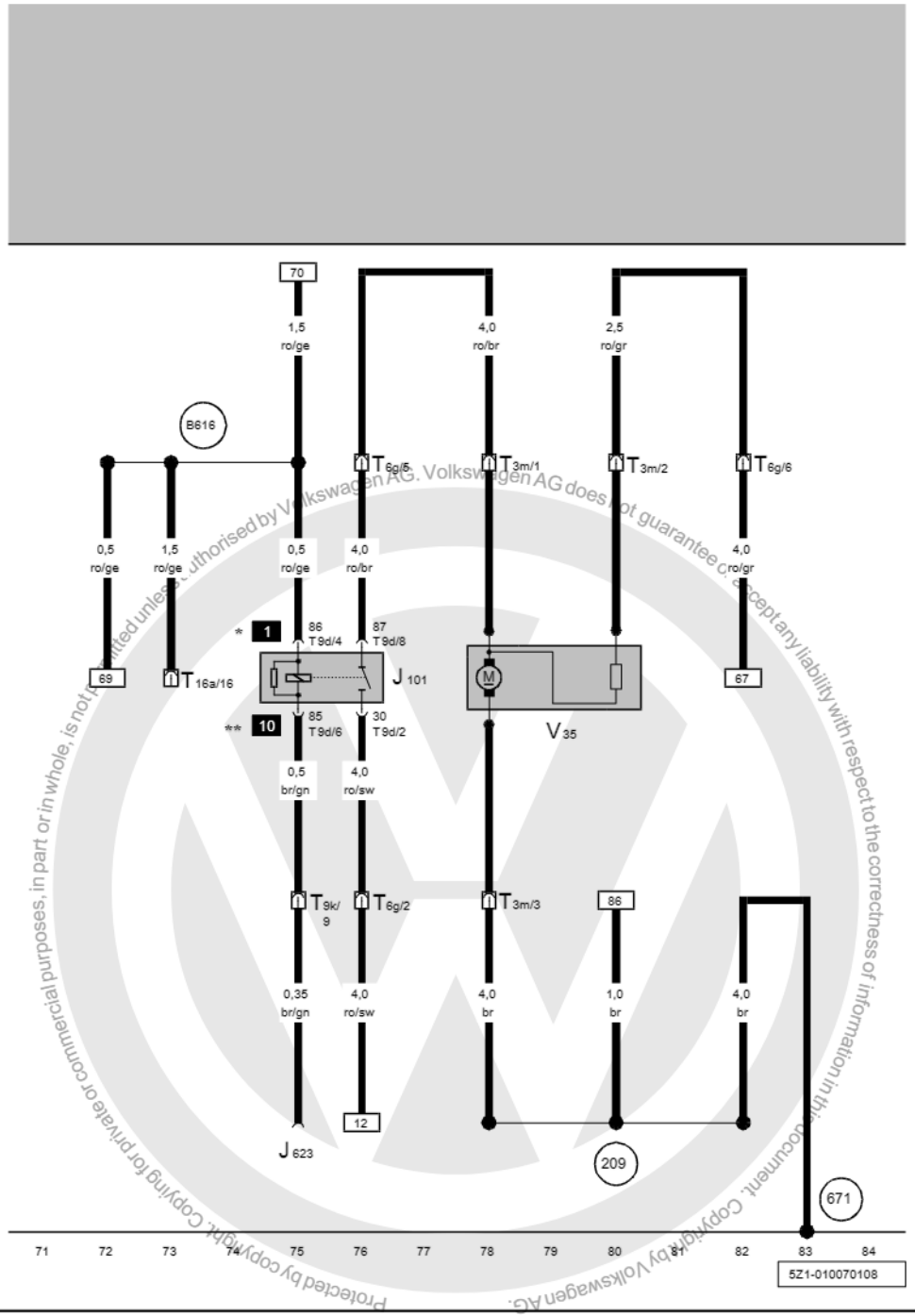
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High-pressure sender, X-contact relief relay, fresh air blower relay and radiator fan

G65	High pressure sender
J59	X-contact relief relay
J209	Fresh air blower and radiator fan relay
J623	Engine control unit
SB27	Fuse 27 on fuse holder B
SB42	Fuse 42 on fuse holder B
T3j	3-pin connector, on high pressure sender
T6d	6-pin connector, on X-contact relief relay
T6g	6-pin connector, in left engine compartment
T8d	8-pin connector, behind centre dash panel
T9c	9-pin connector, on fresh air blower and radiator fan relay
T9k	9-pin connector, in left engine compartment
T11d	11-pin connector, in left engine compartment
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B147	Positive connection 2 (87), in interior wiring harness
B585	Positive connection 2 (87a), in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

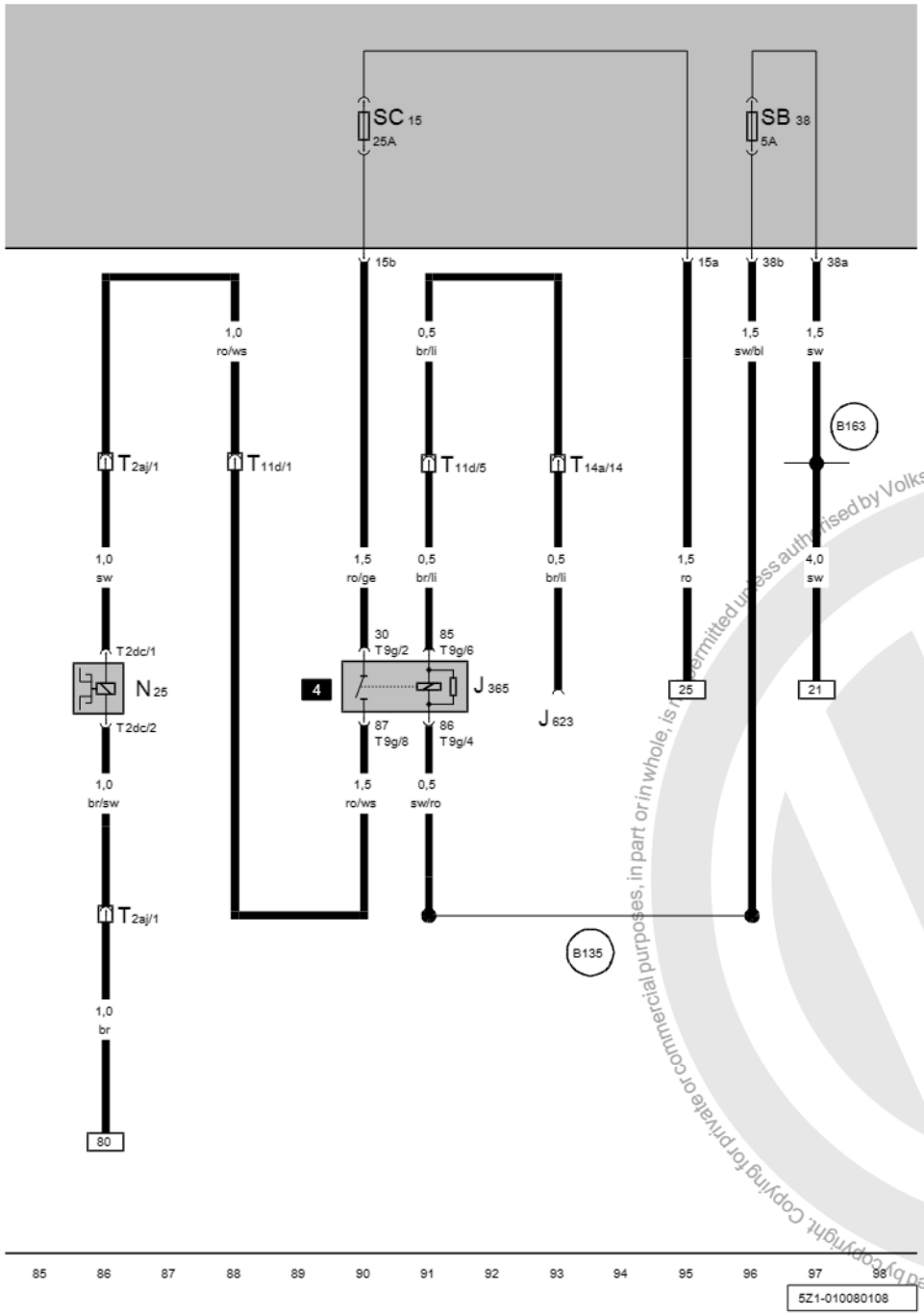


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Radiator fan 2nd speed relay, right radiator fan

J101	Radiator fan 2nd speed relay
J623	Engine control unit
T3m	3-pin connector, on radiator fan on right
T6g	6-pin connector, in left engine compartment
T9d	9-pin connector, on radiator fan 2nd speed relay
T9k	9-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
V35	Right radiator fan
209	Earth connection 6, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
B616	Positive connection 12 (30a), in interior wiring harness
*	Position up to July 2006
**	Position from July 2006

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Air conditioning system switch-off relay, air conditioning system magnetic coupling

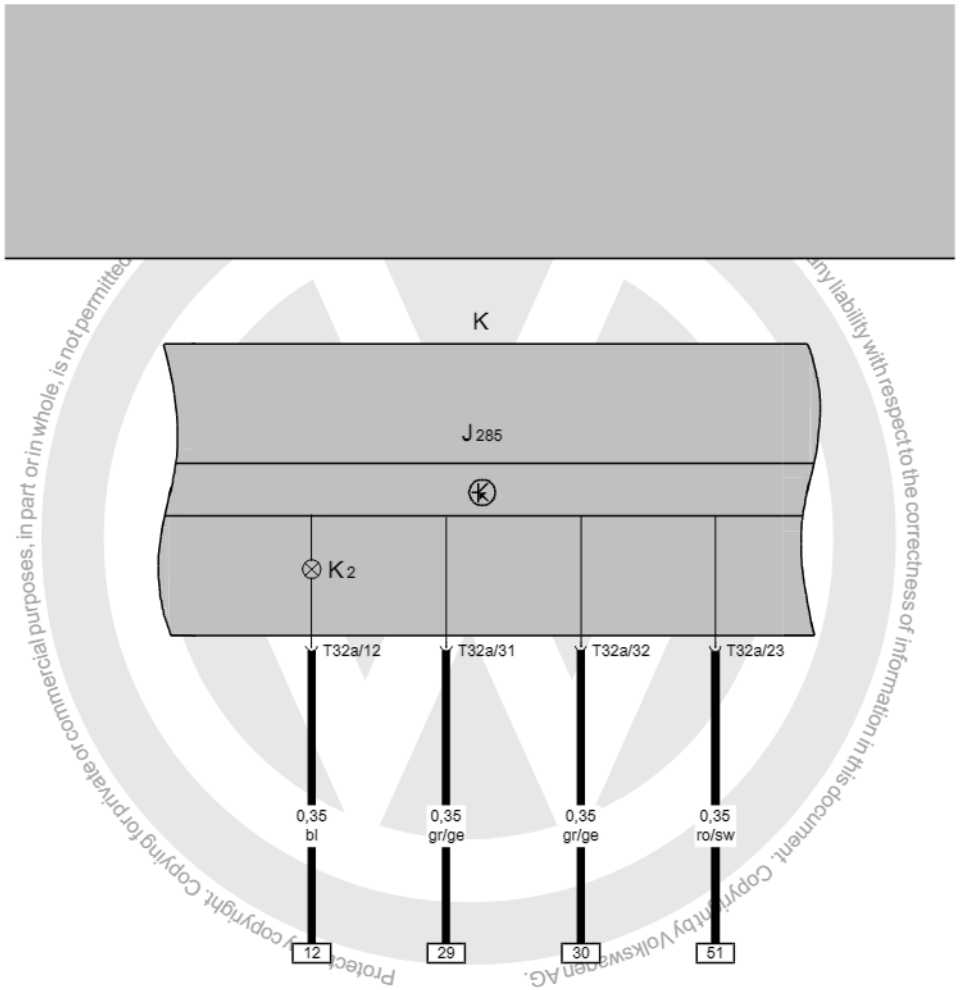
J365	Air conditioning system switch-off relay
J623	Engine control unit
N25	Air conditioning system magnetic coupling
SB38	Fuse 38 on fuse holder B
SC15	Fuse 15 on fuse holder C
T2aj	2-pin connector, on right in engine compartment
T2dc	2-pin connector, on air conditioning system magnetic clutch
T9g	9-pin connector, on air conditioning system switch-off relay
T11d	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
B135	Positive connection 1 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit with display in dash panel insert, dash panel insert

J285 Control unit with display in dash panel insert
K Dash panel insert
T32a 32-pin connector, on dash panel insert



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99 100 101 102 103 104 105 106 107 108 109 110 111 112

5Z1-010090108

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Air conditioning system

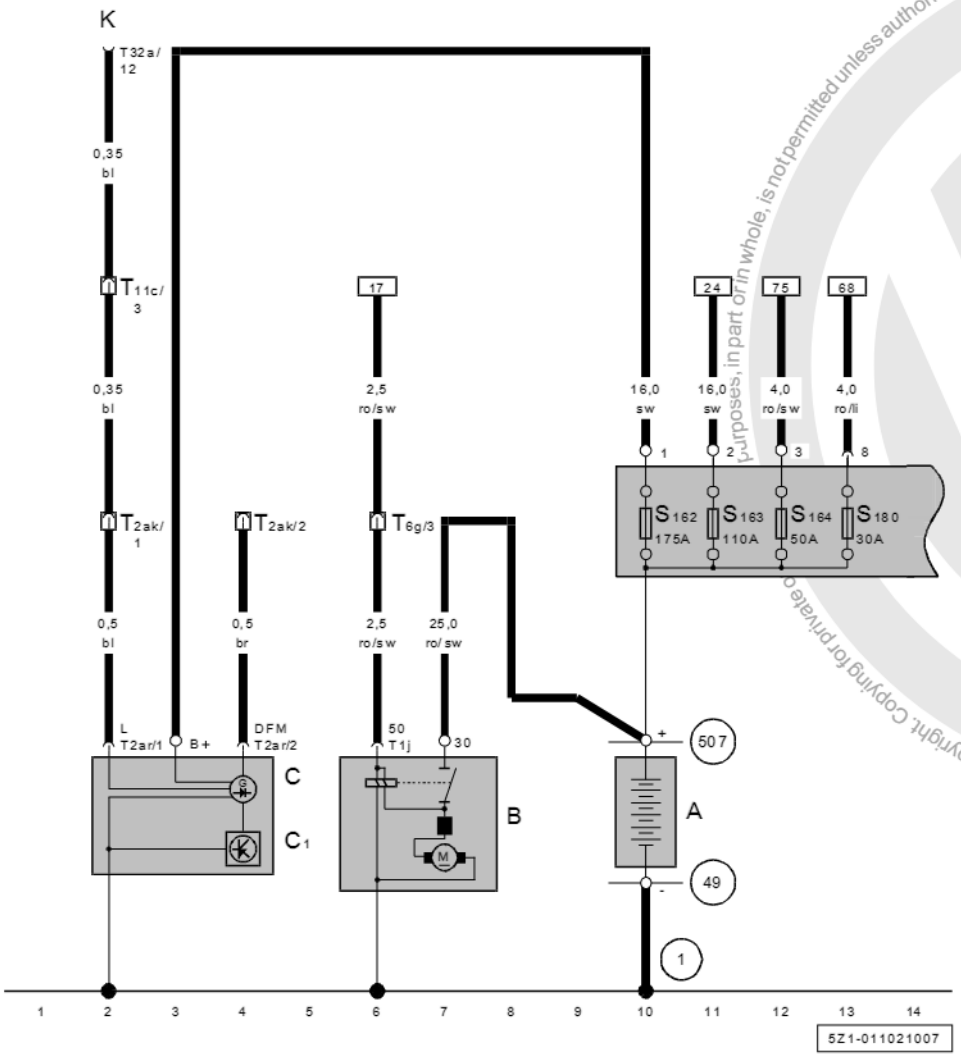
⇒ 1.0 l - 4BV/ 52-53 kW, engine code BJE
⇒ 1.0 l - 4BV/ 52 kW, engine code AQZ
⇒ 1.0 l/52-53 kW Motronic, engine code BNX
from October 2003 up to November 2007

Notes:
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

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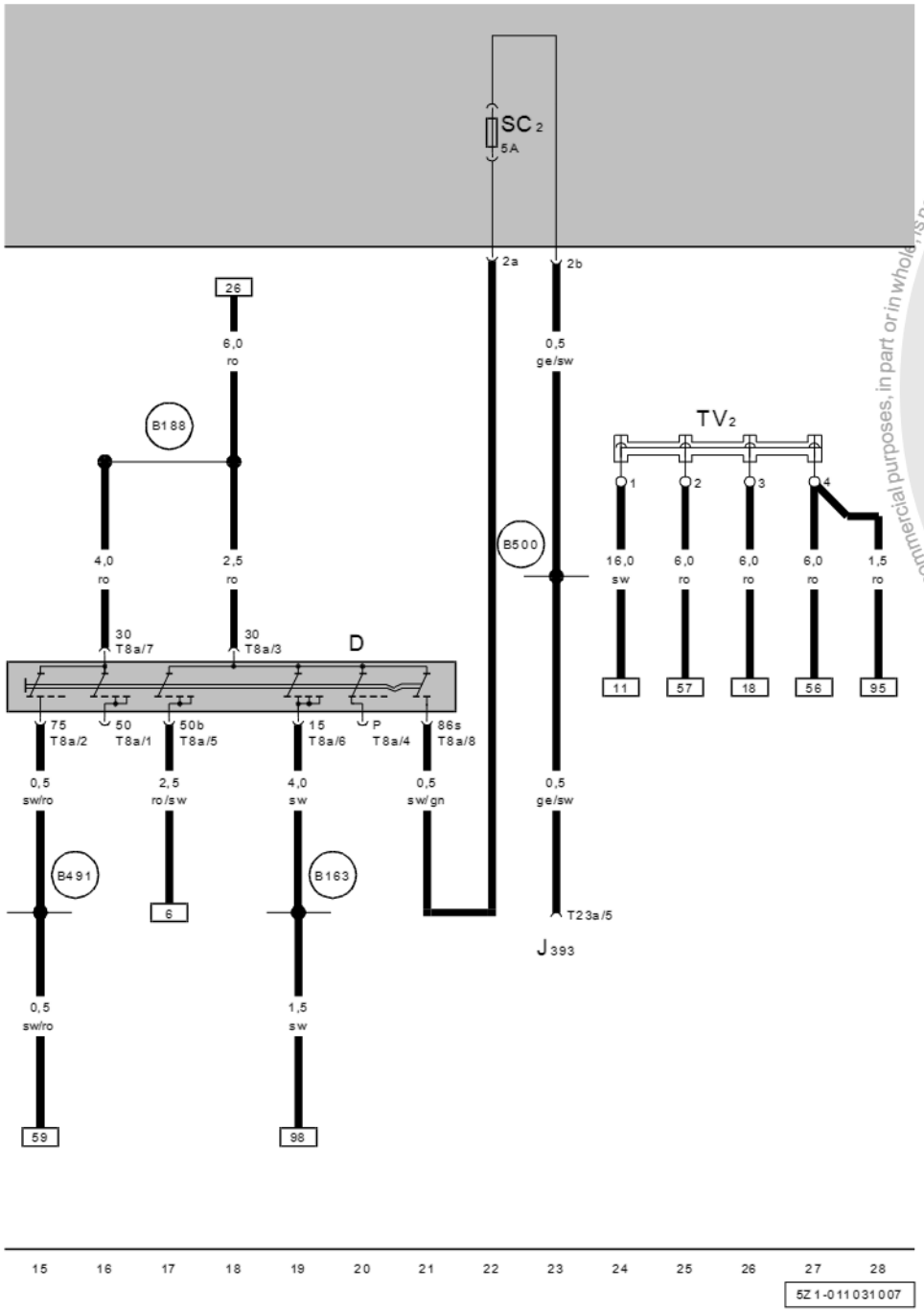


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S164	Fuse 3 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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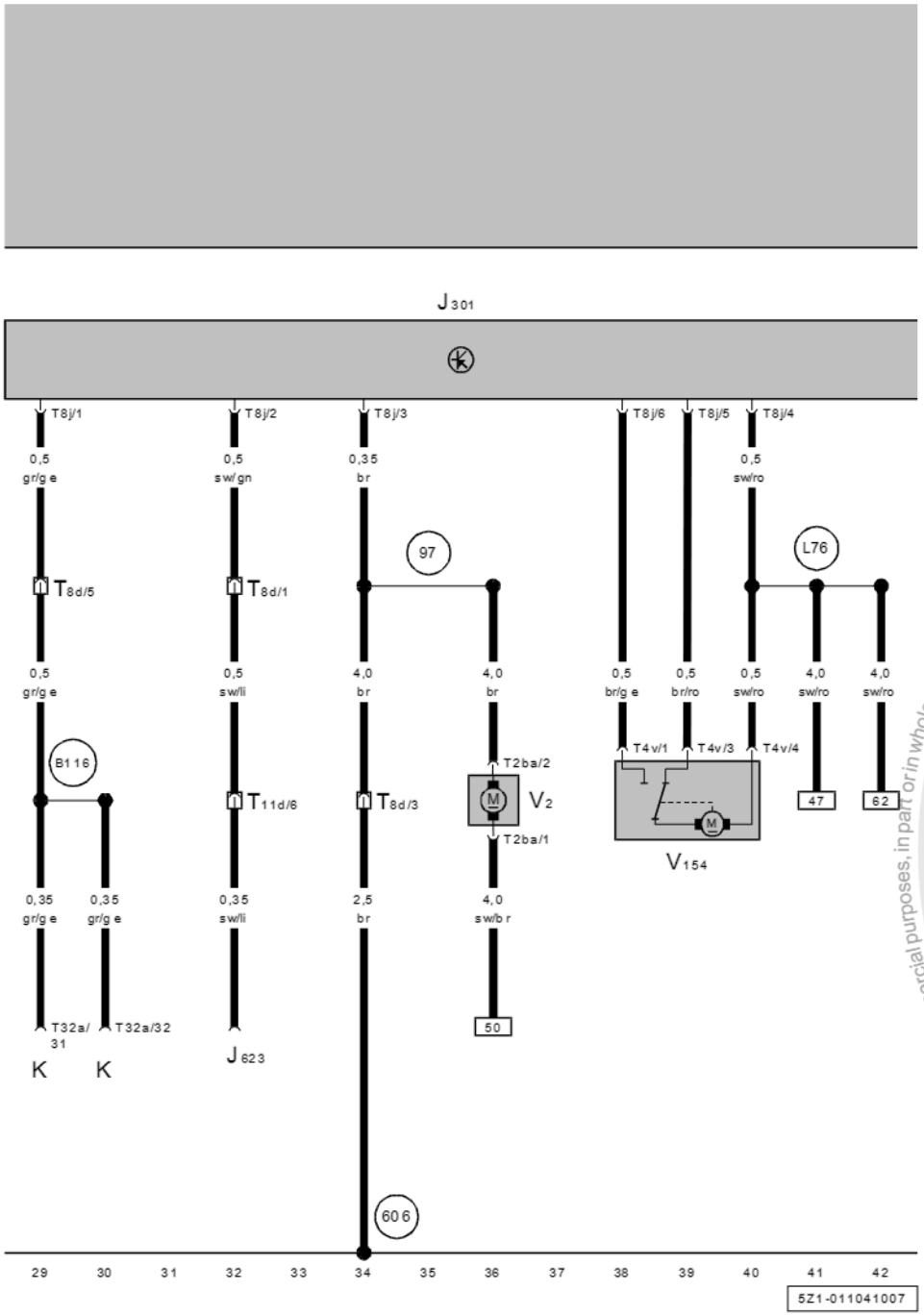


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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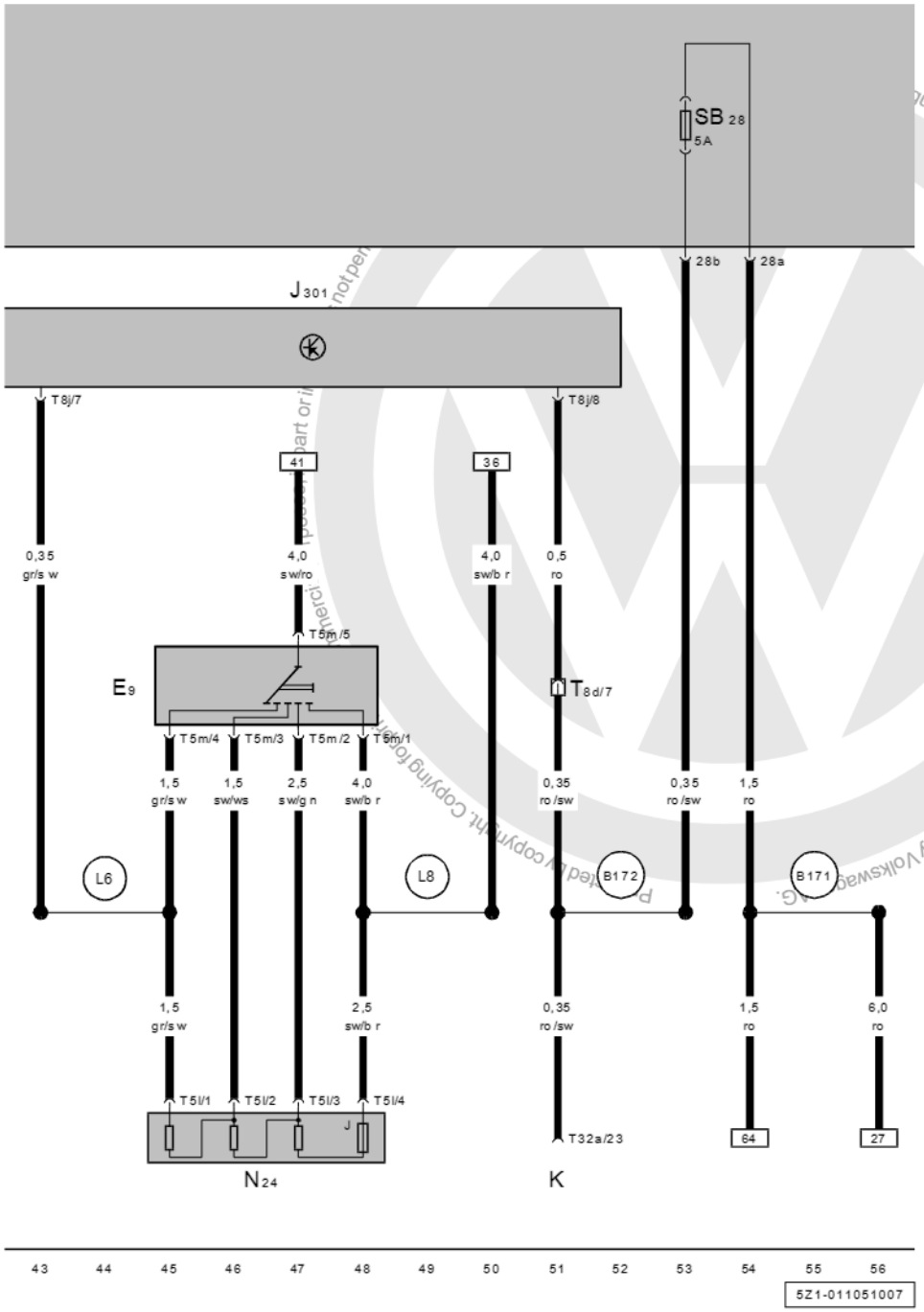


Air conditioning system control unit, fresh air blower, fresh air/recirculated air flap control motor

J301	Air conditioning system control unit
J623	Engine control unit
K	Dash panel insert
T2ba	2-pin connector, on fresh air blower
T4v	4-pin connector, on fresh air and air recirculation flap control motor
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
T11d	11-pin connector, brown, in left engine compartment
T32a	32-pin connector, on dash panel insert
V2	Fresh air blower
V154	Fresh air/recirculated air flap control motor
97	Earth connection 1, in air conditioning system wiring harness
606	Earth point, under the centre console near selector lever
B116	Connection (58d), in interior wiring harness
L76	Connection (87), in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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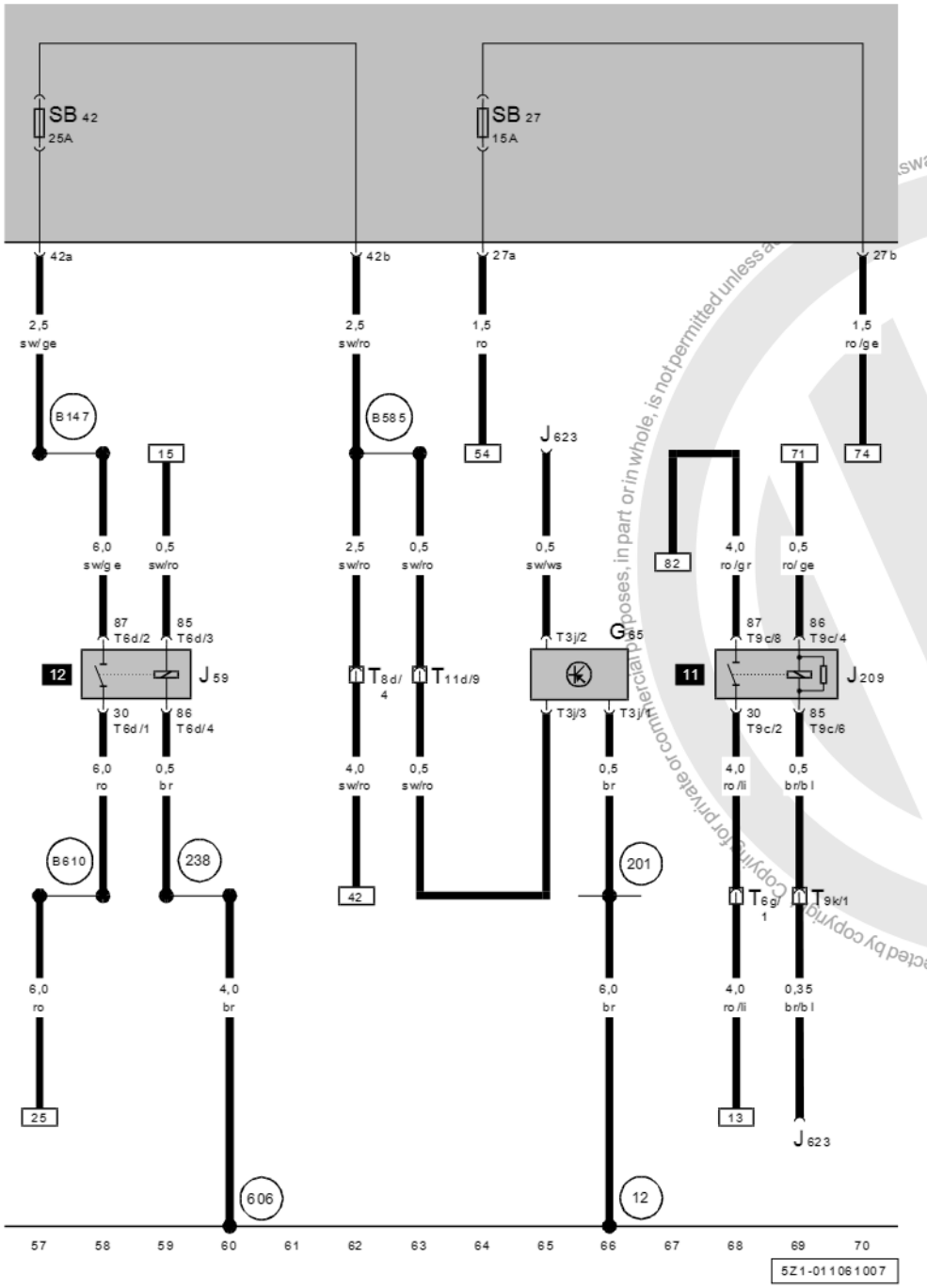


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fresh air blower switch, air conditioning system control unit, fresh air blower series resistor with overheating fuse

E9	Fresh air blower switch
J301	Air conditioning system control unit
K	Dash panel insert
N24	Fresh air blower series resistor with overheating fuse
SB28	Fuse 28 on fuse holder B
T5l	5-pin connector, on fresh air blower series resistor with overheating fuse
T5m	5-pin connector, on fresh air blower switch
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
T32a	32-pin connector, on dash panel insert
B171	Positive connection 3 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness

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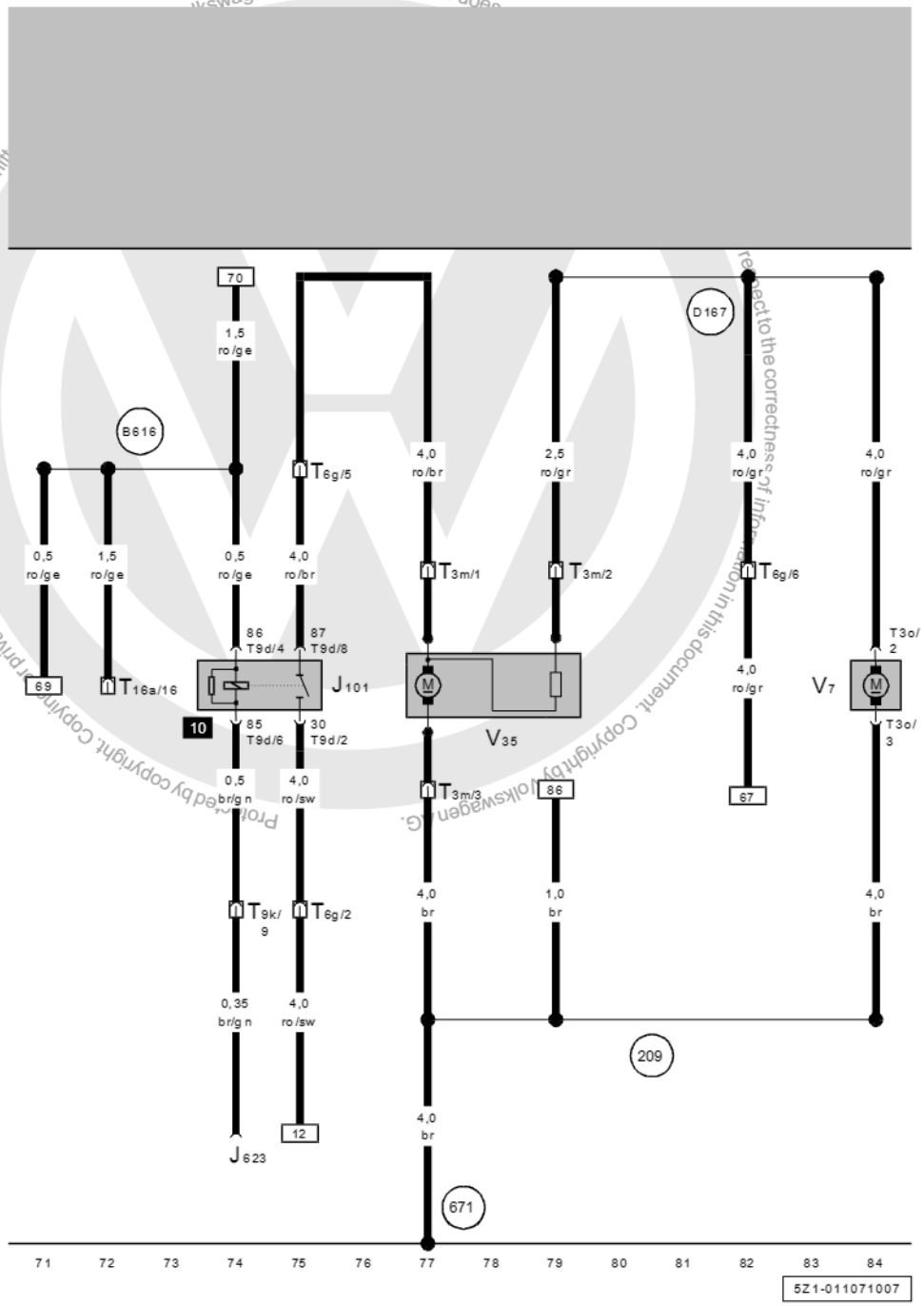
High-pressure sender, X-contact relief relay, fresh air blower relay and radiator fan

G65	High pressure sender
J59	X-contact relief relay
J209	Fresh air blower and radiator fan relay
J623	Engine control unit
SB27	Fuse 27 on fuse holder B
SB42	Fuse 42 on fuse holder B
T3j	3-pin connector, on high pressure sender
T6d	6-pin connector, on X-contact relief relay
T6g	6-pin connector, grey, in left engine compartment
T8d	8-pin connector, behind centre dash panel
T9c	9-pin connector, on fresh air blower and radiator fan relay
T9k	9-pin connector, yellow, in left engine compartment
T11d	11-pin connector, brown, in left engine compartment
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B147	Positive connection 2 (87), in interior wiring harness
B585	Positive connection 2 (87a), in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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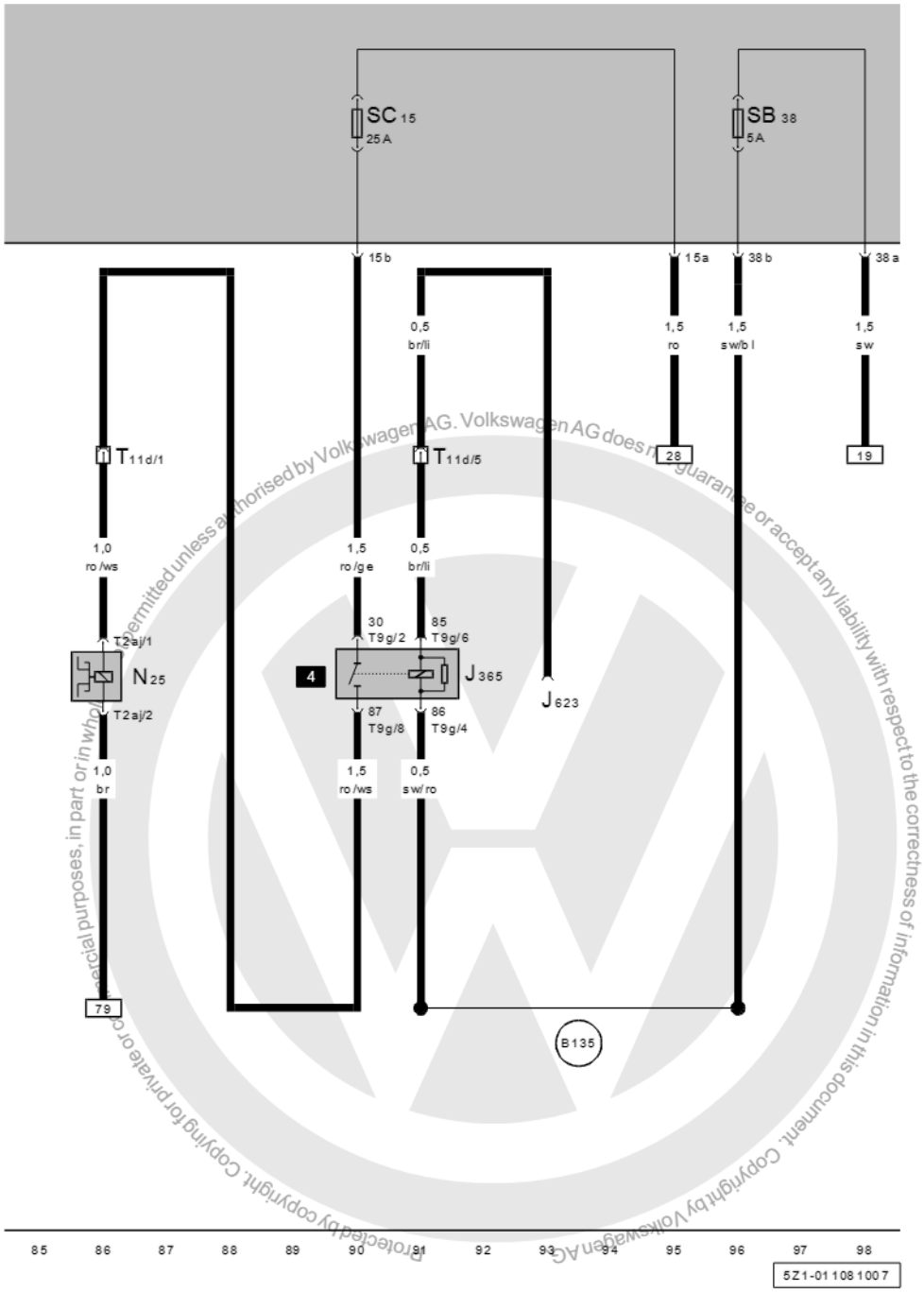
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Radiator fan 2nd speed relay, radiator fan, right radiator fan

J101	Radiator fan 2nd speed relay
J623	Engine control unit
T3o	3-pin connector, on radiator fan
T3m	3-pin connector, on radiator fan on right
T6g	6-pin connector, grey, in left engine compartment
T9d	9-pin connector, on radiator fan 2nd speed relay
T9k	9-pin connector, yellow, in left engine compartment
T16a	16-pin connector, on fuse holder
V7	Radiator fan
V35	Right radiator fan
209	Earth connection 6, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
B616	Positive connection 12 (30a), in interior wiring harness
D167	Connection (fan stage 1), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Air conditioning system switch-off relay, air conditioning system magnetic coupling

J365	Air conditioning system switch-off relay
J623	Engine control unit
N25	Air conditioning system magnetic coupling
SB38	Fuse 38 on fuse holder B
SC15	Fuse 15 on fuse holder C
T2aj	2-pin connector, on air conditioning system magnetic clutch
T9g	9-pin connector, on air conditioning system switch-off relay
T11d	11-pin connector, brown, in left engine compartment
B135	Positive connection 1 (15a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Headlight washer system / heated rear window

from October 2003 up to April 2007

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

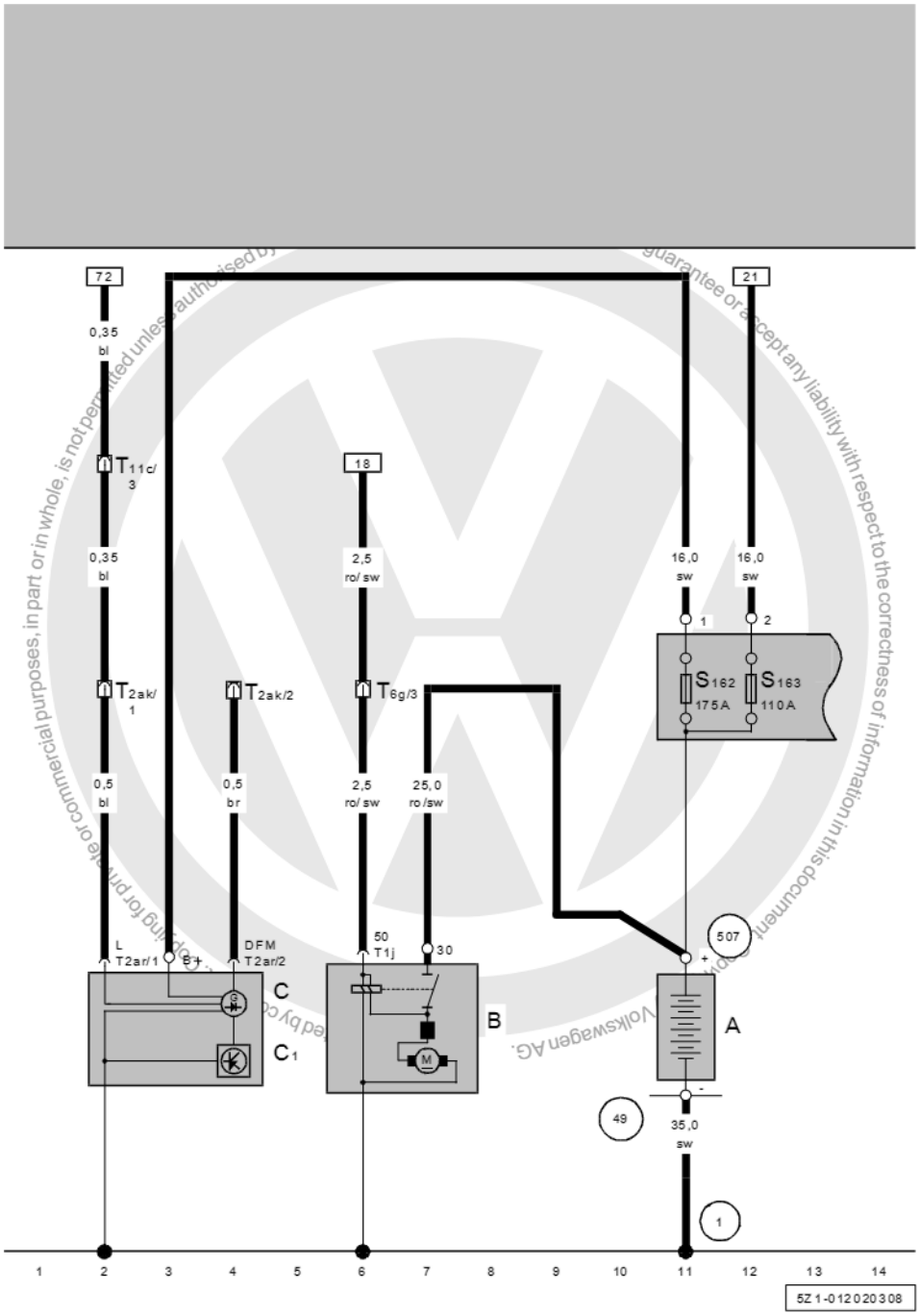
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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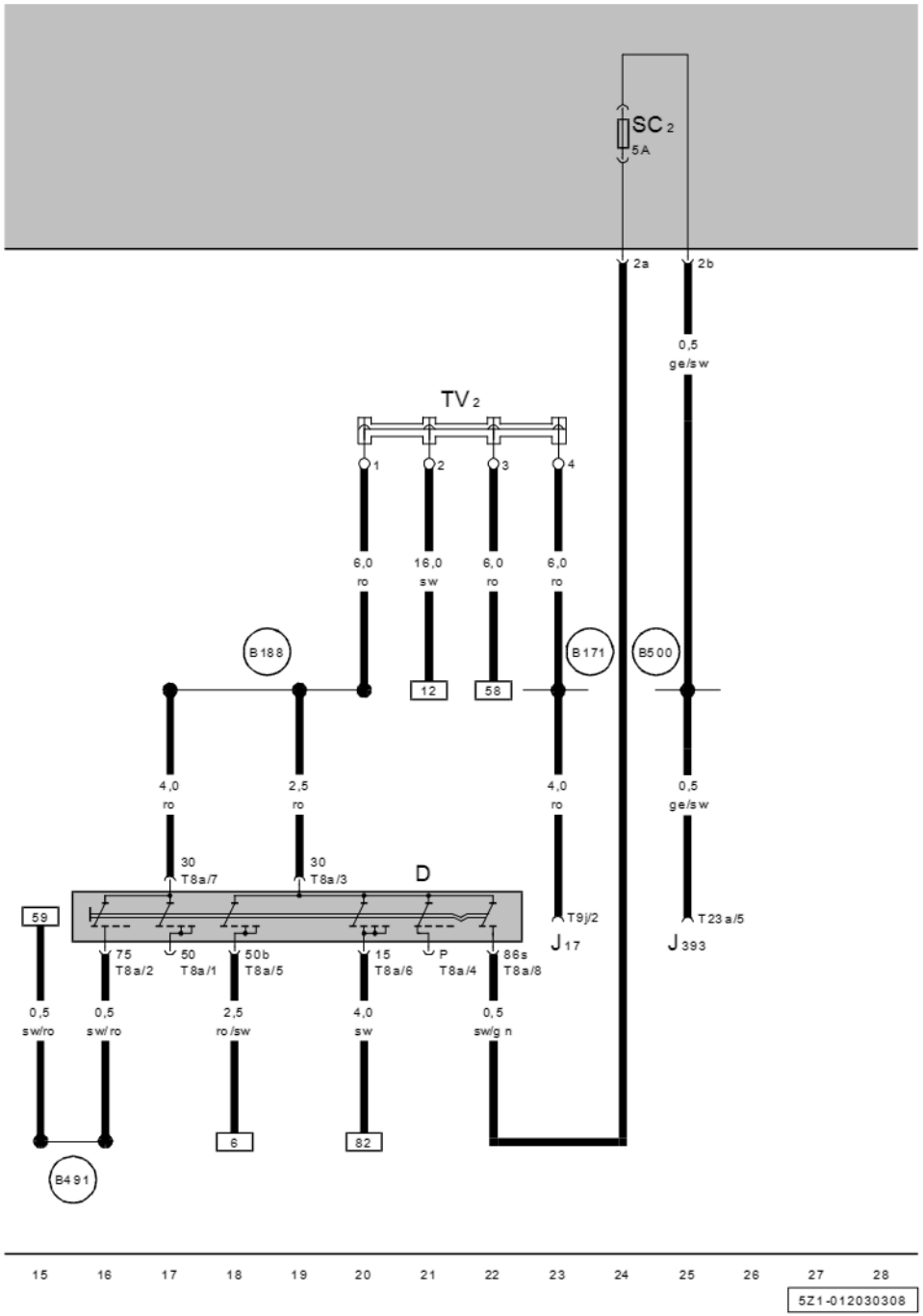


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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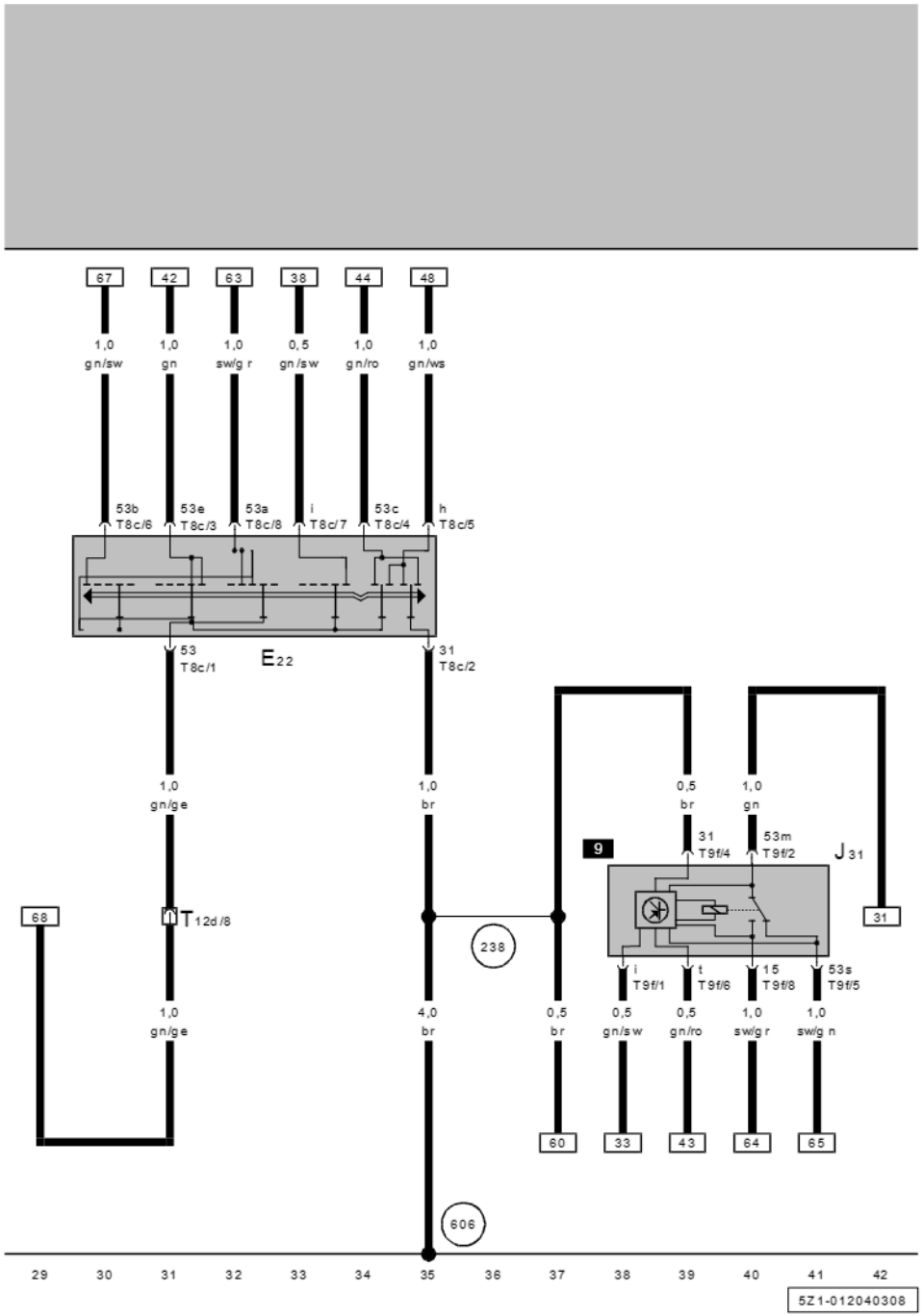


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T9j	9-pin connector, on fuel pump relay
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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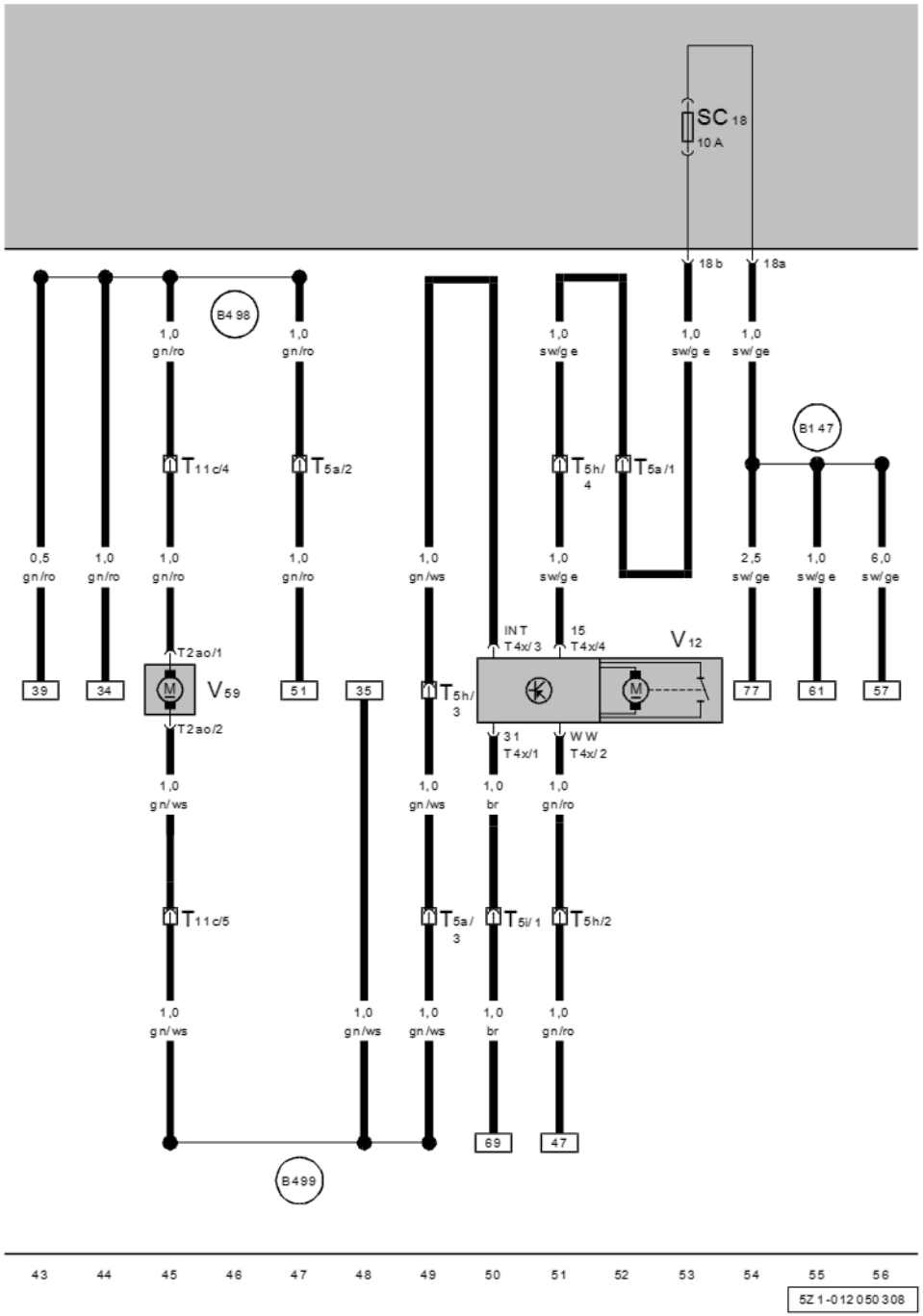


Intermittent wiper switch, automatic intermittent wash and wipe relay

E22	Intermittent wiper switch
J31	Automatic intermittent wash and wipe relay
T8c	8-pin connector, on intermittent wiper switch
T9f	9-pin connector, on automatic intermittent wash and wipe relay
T12d	12-pin connector, white, in left engine compartment
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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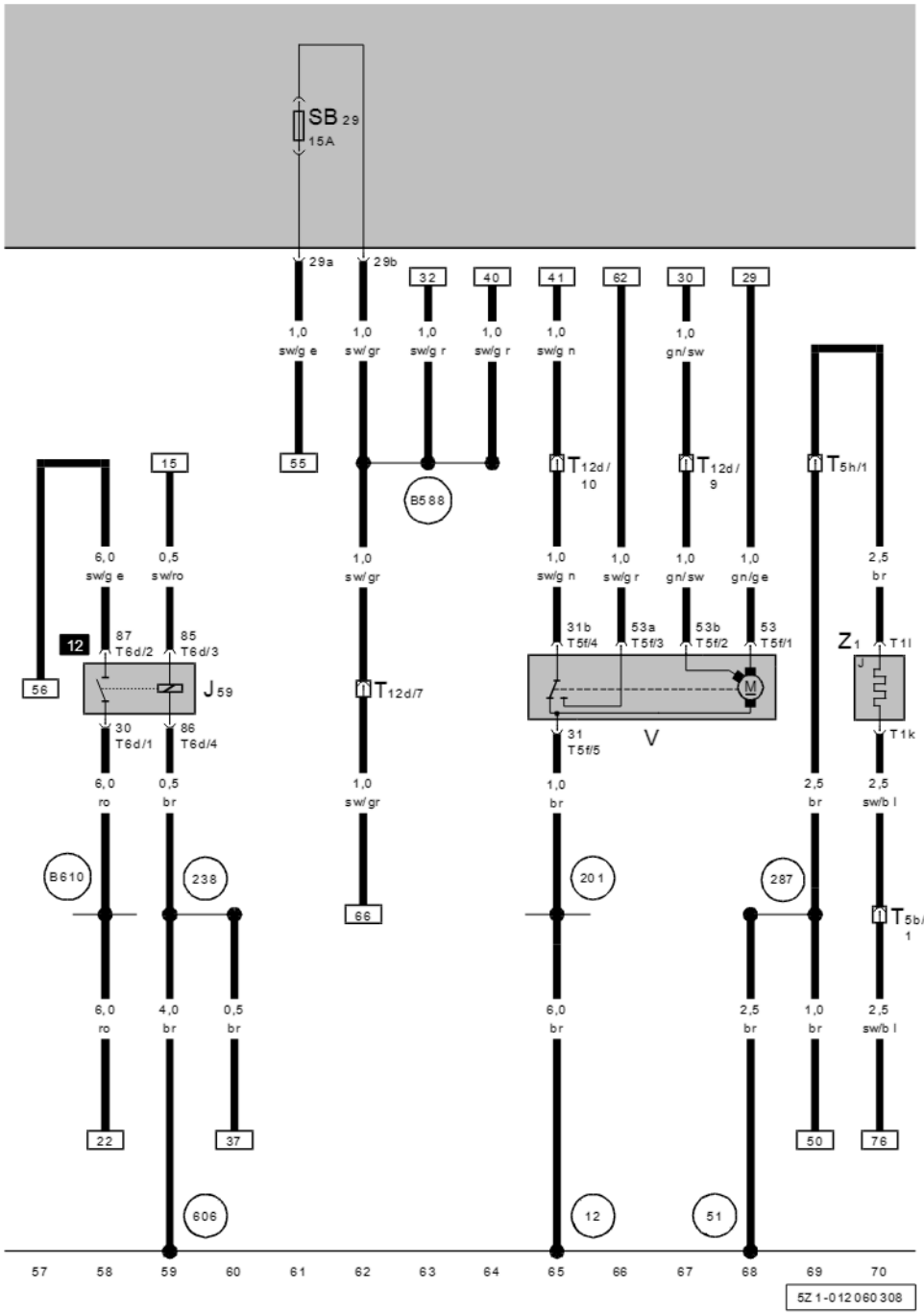


Rear window wiper motor, windscreen and rear window washer pump

SC18	Fuse 18 on fuse holder C
T2ao	2-pin connector, on windscreen and rear window washer pump
T4x	4-pin connector, on rear window wiper motor
T5a	5-pin connector, behind side trim on rear left, near wheel arch
T5h	5-pin connector, in rear lid
T5i	5-pin connector, in rear lid
T11c	11-pin connector, green, in left engine compartment
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
B147	Positive connection 2 (87), in interior wiring harness
B498	Connection 1 (53c), in interior wiring harness
B499	Connection 2 (53c), in interior wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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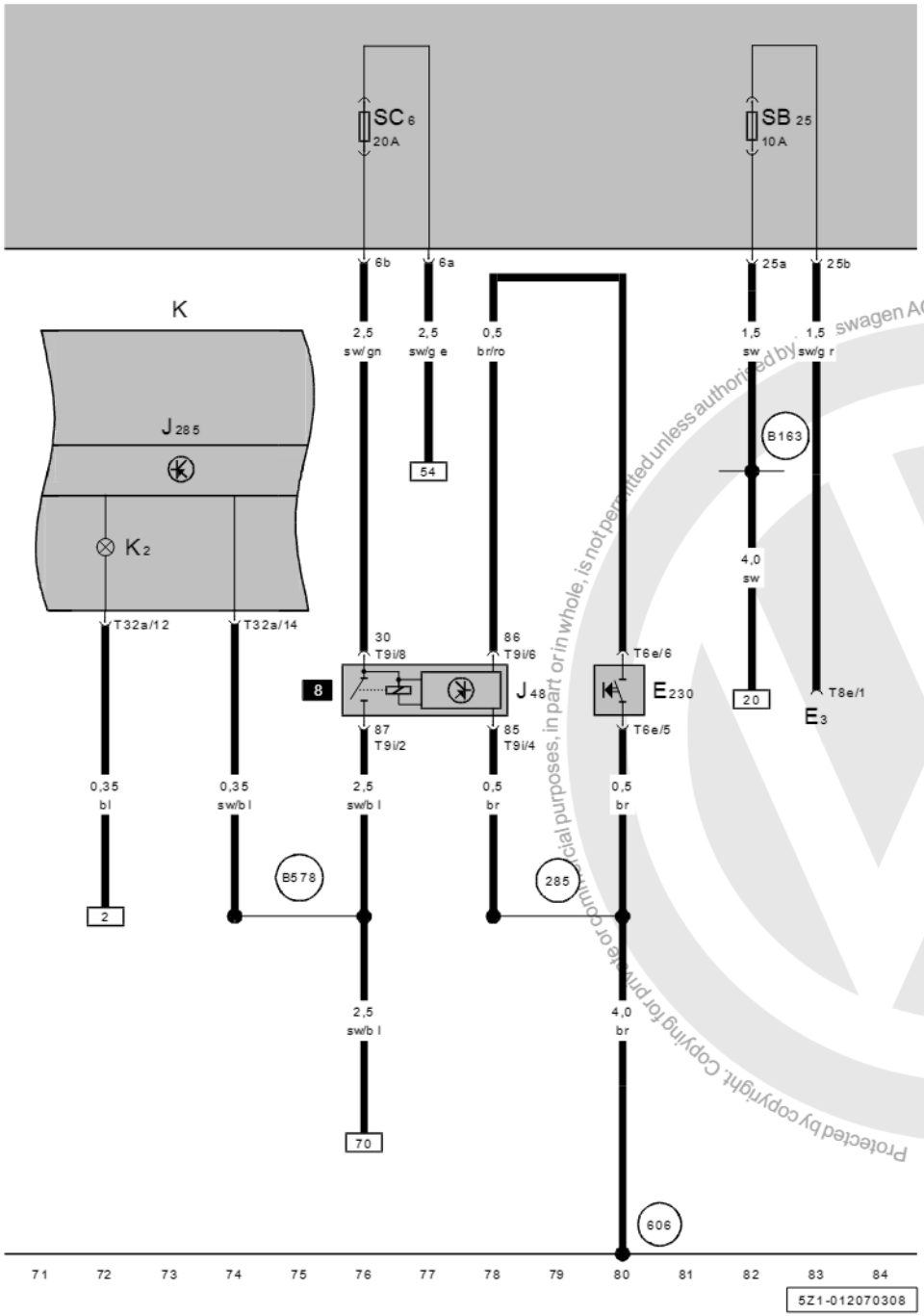
X-contact relief relay, windscreen wiper motor, heated rear window

J59	X-contact relief relay
SB29	Fuse 29 on fuse holder B
T1k	Single connector, on heated rear window
T1l	Single connector, on heated rear window
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T5f	5-pin connector, on windscreen wiper motor
T5h	5-pin connector, in rear lid
T6d	6-pin connector, on X-contact relief relay
T12d	12-pin connector, white, in left engine compartment
V	Windscreen wiper motor
Z1	Heated rear window
12	Earth point, on left in engine compartment
51	Earth point, in luggage compartment
201	Earth connection 5, in engine compartment wiring harness
238	Earth connection 1, in interior wiring harness
287	Earth connection, in rear lid feeder wiring harness
606	Earth point, under the centre console near selector lever
B588	Positive connection (53a), in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Heated rear window button, heated rear window control relay, control unit with display in dash panel insert, dash panel insert, alternator warning lamp



E3 Hazard warning light switch
E230 Heated rear window switch
J48 Heated rear window control relay
J285 Control unit with display in dash panel insert
K Dash panel insert
K2 Alternator warning lamp
SB25 Fuse 25 on fuse holder B
SC6 Fuse 6 on fuse holder C
T6e 6-pin connector, on heated rear window switch
T8e 8-connector, on hazard warning light switch
T9i 9-pin connector, on heated rear window control relay
T32a 32-pin connector, on dash panel insert

(285) Earth connection 7, in interior wiring harness

(606) Earth point, under the centre console near selector lever

(B163) Positive connection 1 (15), in interior wiring harness

(B578) Positive connection 2 (75), in interior wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Radio

from October 2003

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations

For information concerning

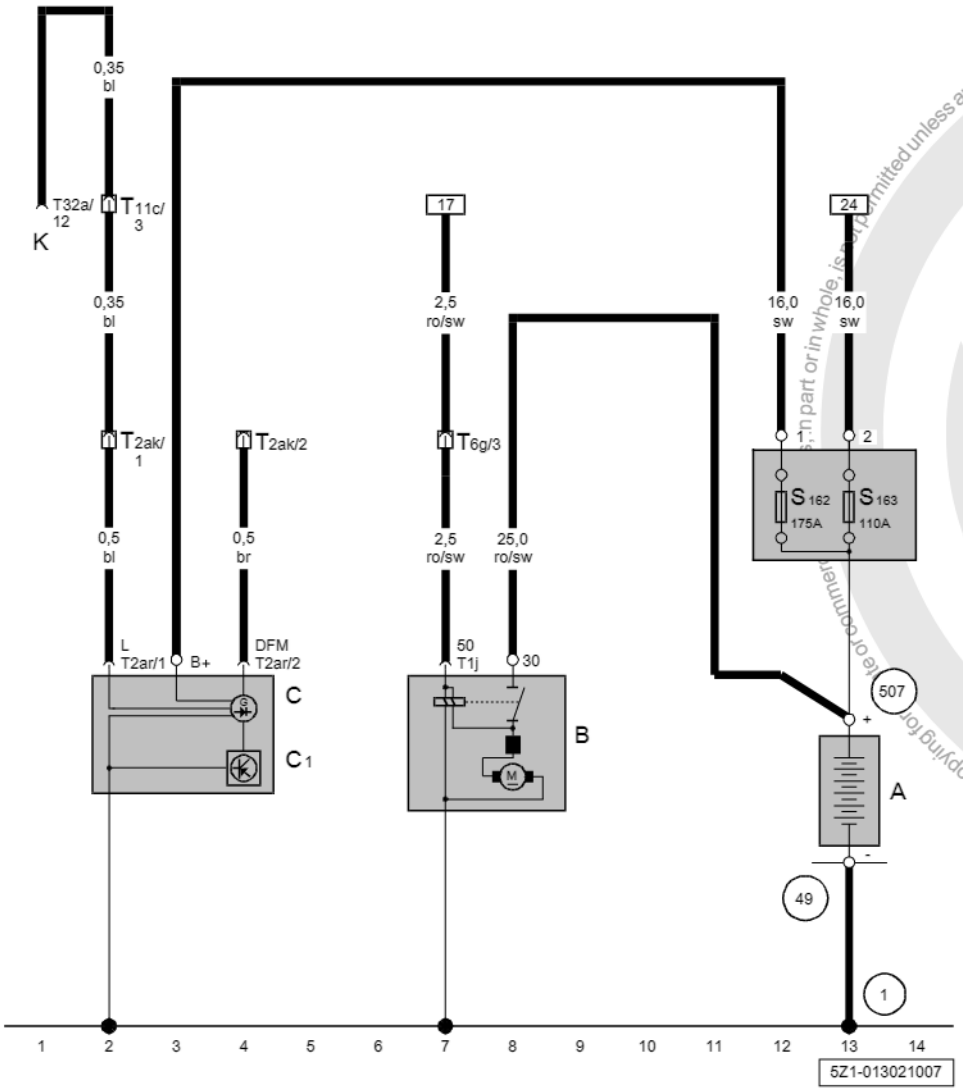
- Fault Finding Programs

⇒ guided fault finding

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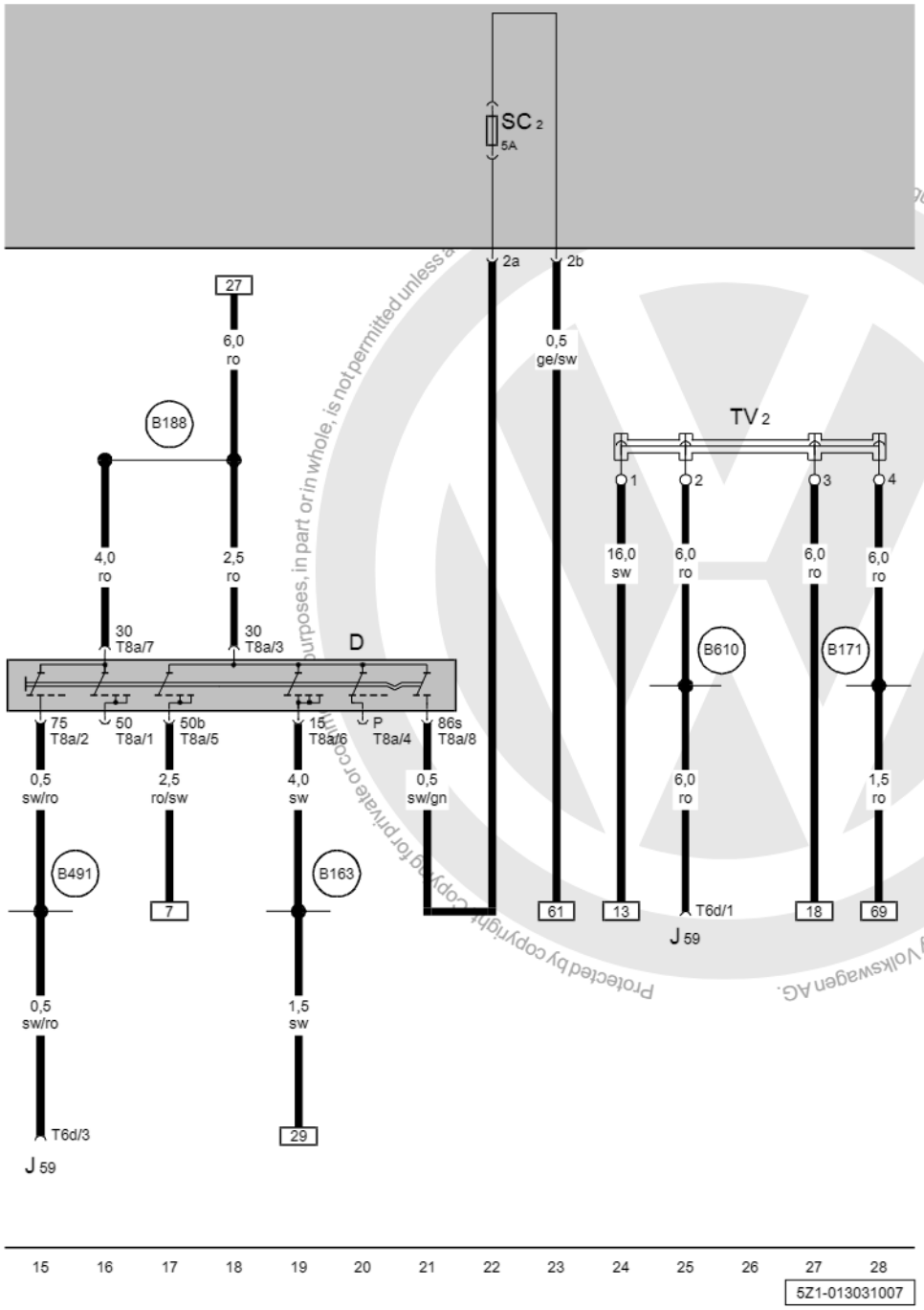
Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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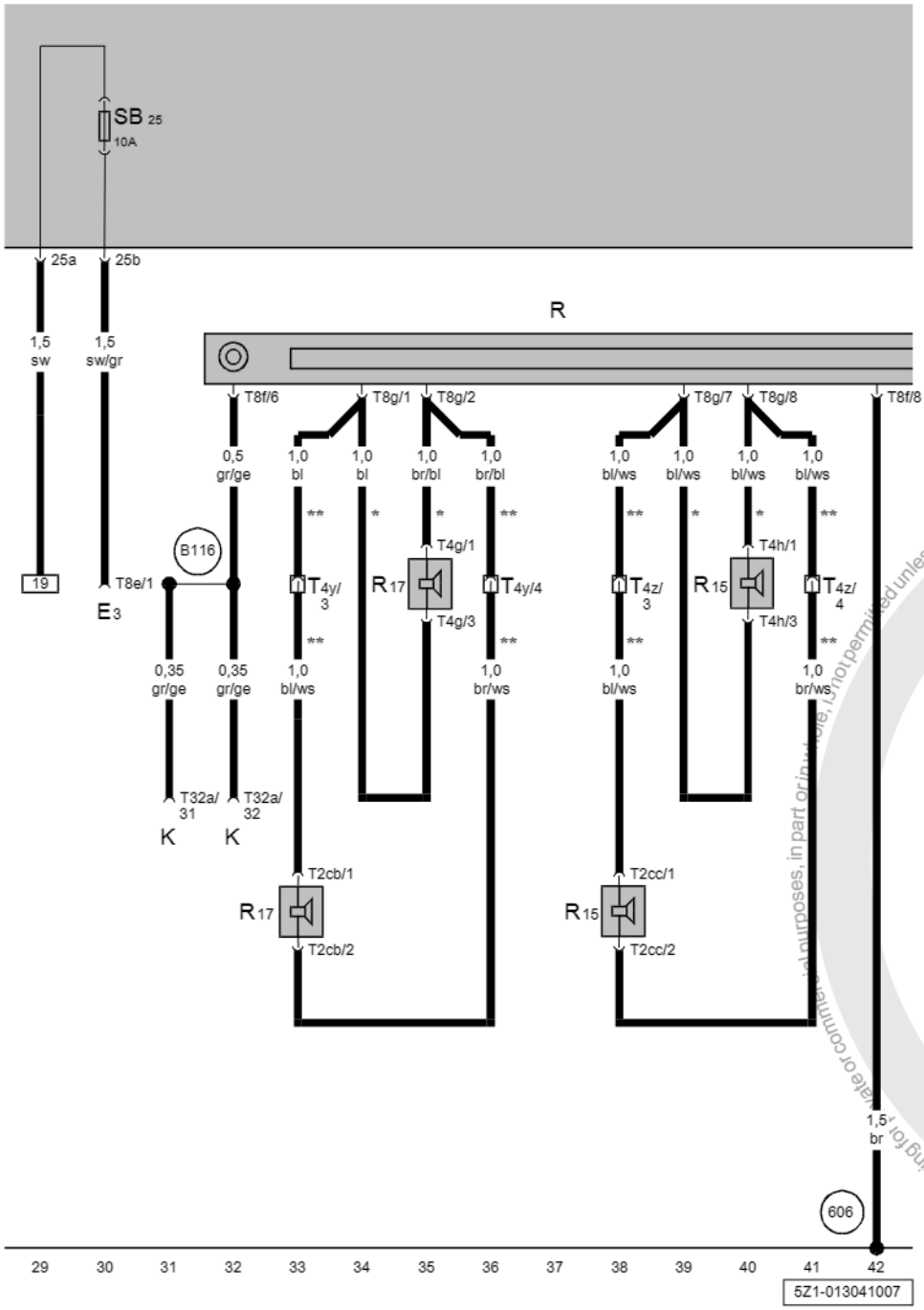


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J59	X-contact relief relay
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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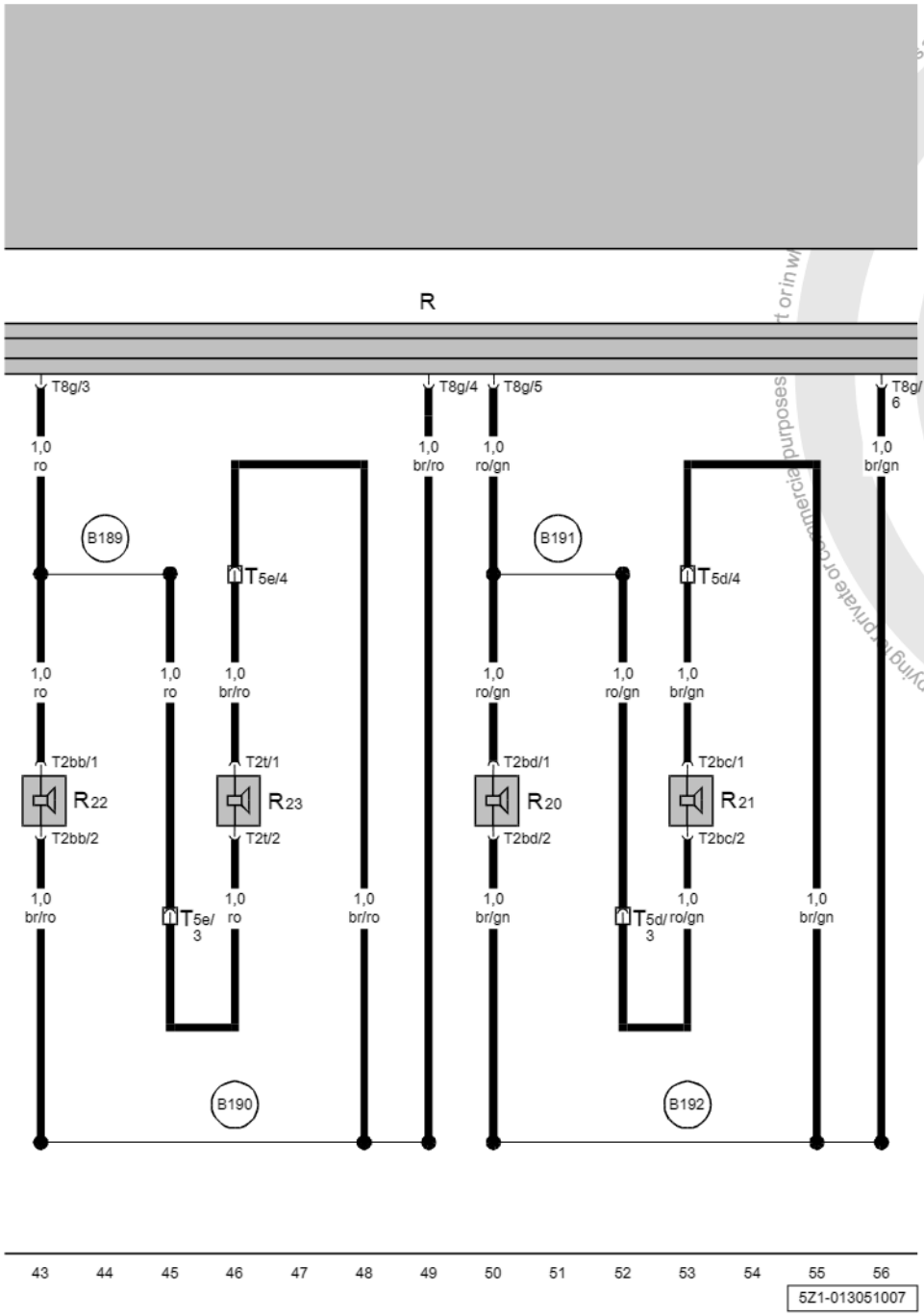


Radio, rear left bass loudspeaker, rear right bass loudspeaker

E3	Hazard warning light switch
K	Dash panel insert
R	Radio
R15	Rear left bass loudspeaker
R17	Rear right bass loudspeaker
SB25	Fuse 25 on fuse holder B
T2cb	2-pin connector, on rear right bass loudspeaker
T2cc	2-pin connector, on rear left bass loudspeaker
T4g	4-pin connector, on rear right bass loudspeaker
T4h	4-pin connector, on rear left bass loudspeaker
T4y	4-pin connector, in rear right door
T4z	4-pin connector, in rear left door
T8e	8-connector, on hazard warning light switch
T8f	8-connector, on radio
T8g	8-connector, on radio
T32a	32-pin connector, on dash panel insert
606	Earth point, under the centre console near selector lever
B116	Connection (58d), in interior wiring harness
*	for models with 2-door vehicle only
**	for models with 4-door vehicle only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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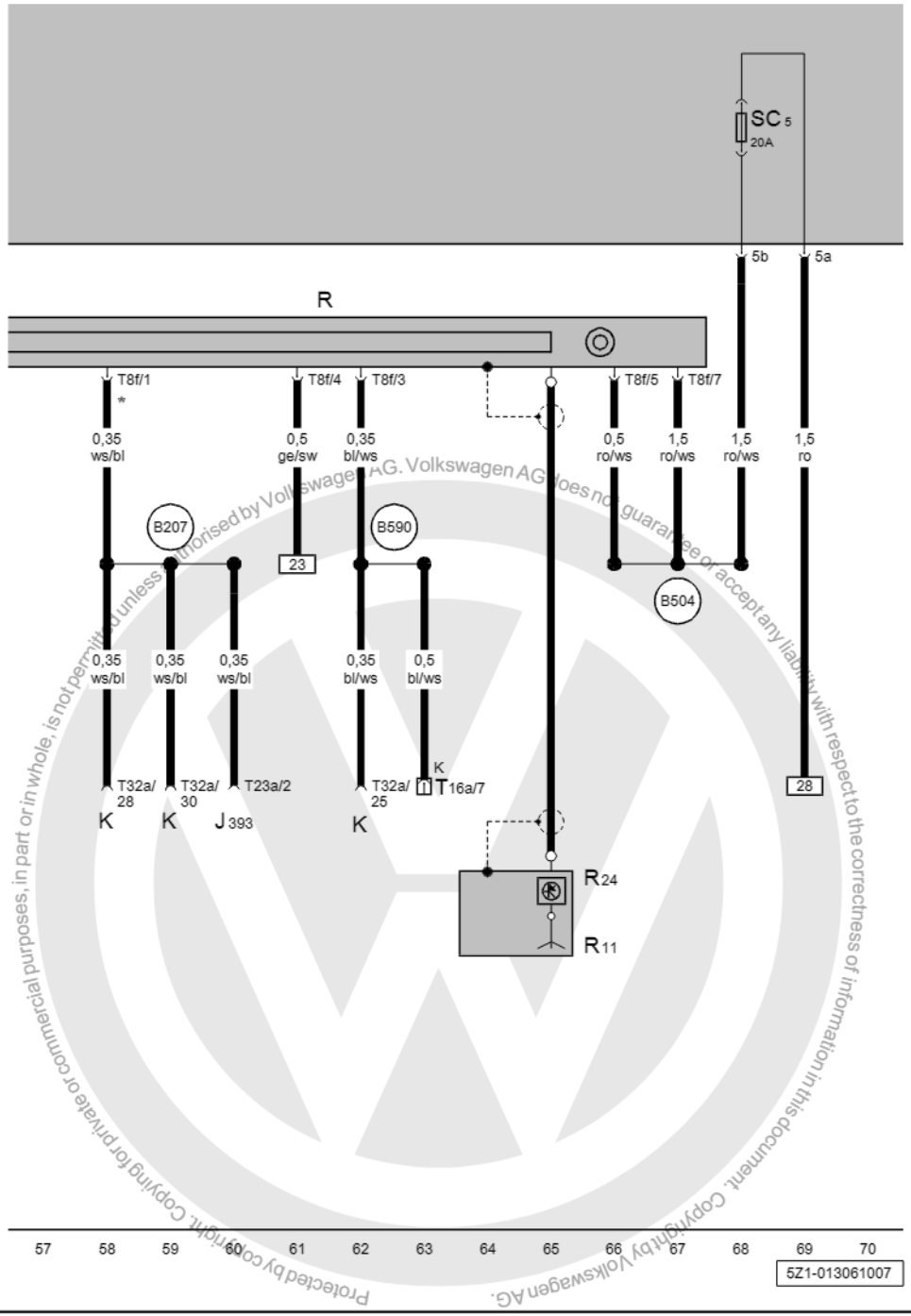


Radio, front left treble loudspeaker, front left bass loudspeaker, front right treble loudspeaker, front right bass loudspeaker

R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2bb	2-pin connector, on front right treble loudspeaker
T2bc	2-pin connector, on front left bass loudspeaker
T2bd	2-pin connector, on front left treble loudspeaker
T2t	2-pin connector, on front right bass loudspeaker
T5d	5-pin connector, in driver door
T5e	5-pin connector, in front passenger door
T8g	8-connector, on radio
B189	Connection (positive, front right loudspeaker), in interior wiring harness
B190	Connection (negative, front right loudspeaker), in interior wiring harness
B191	Connection (positive, front left loudspeaker), in interior wiring harness
B192	Connection (negative, front left loudspeaker), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radio, aerial, aerial amplifier

J393	Convenience system central control unit
K	Dash panel insert
R	Radio
R11	Aerial
R24	Aerial amplifier
SC5	Fuse 5 on fuse holder C
T8f	8-connector, on radio
T16a	16-pin connector, diagnostic
T23a	23-pin connector, on convenience system central control unit
T32a	32-pin connector, on dash panel insert
B207	Connection (convenience), in interior wiring harness
B504	Positive connection 8 (30a), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness
*	for radios with speed dependant volume control only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Multifunction steering wheel

from September 2003

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

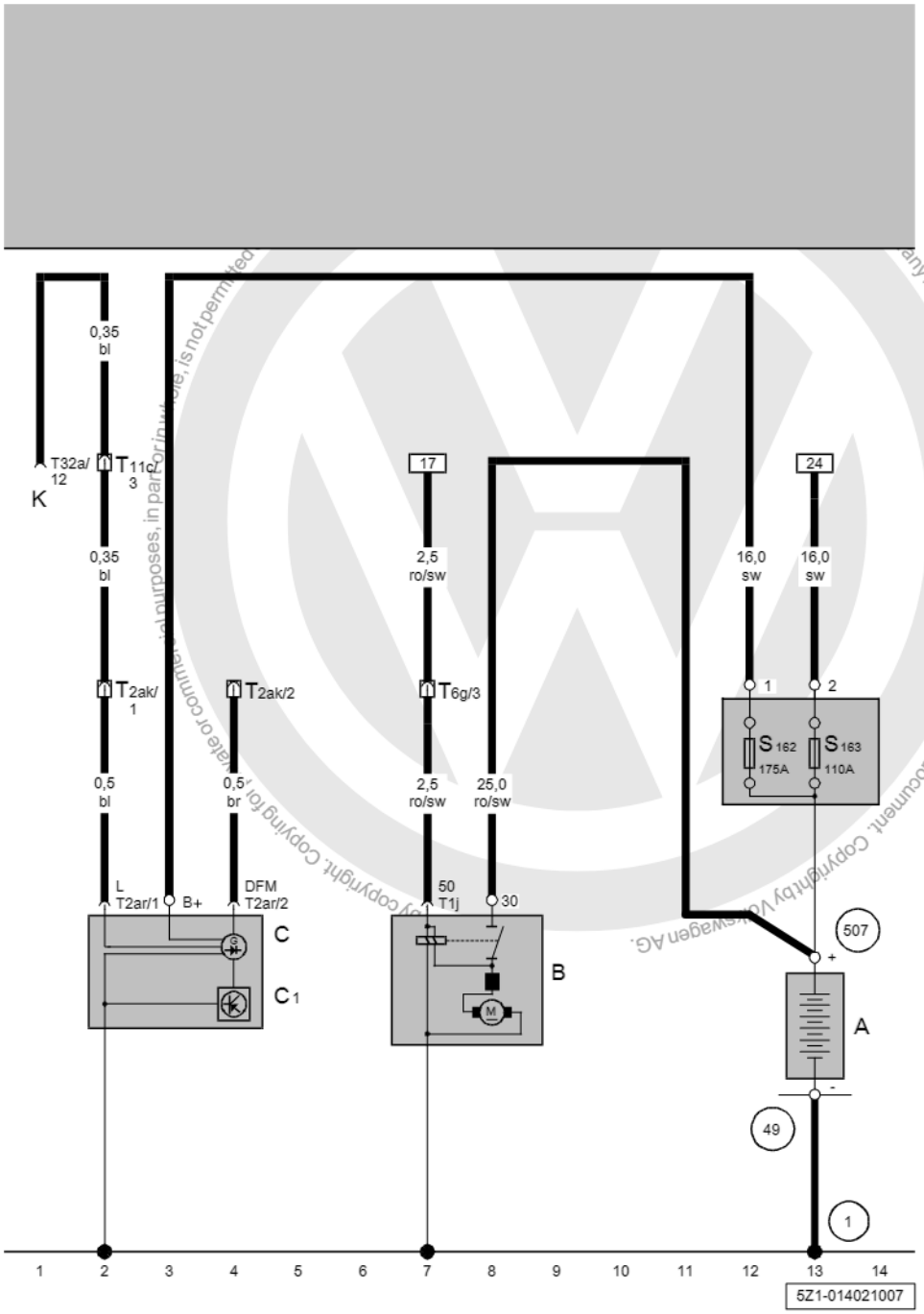
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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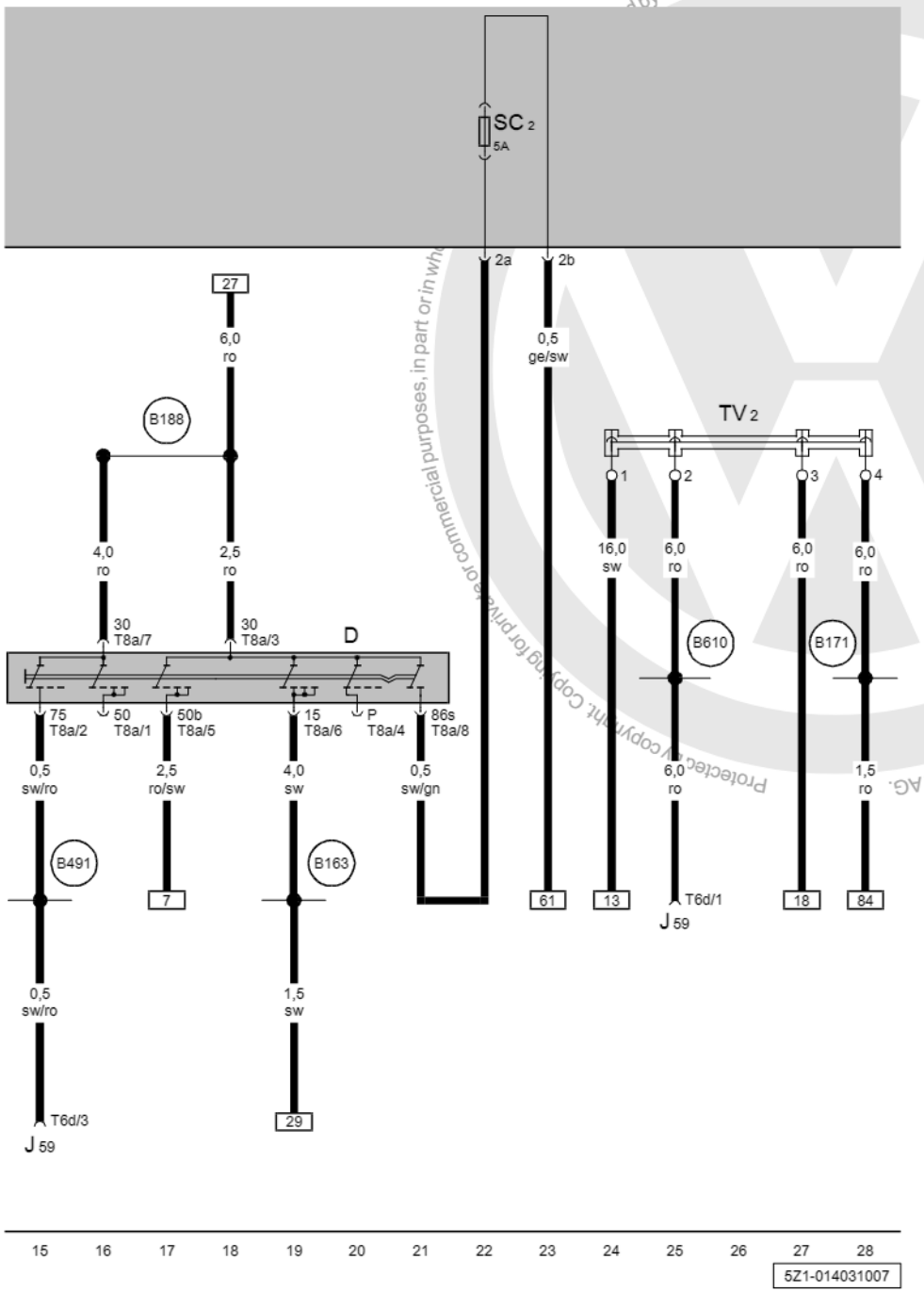


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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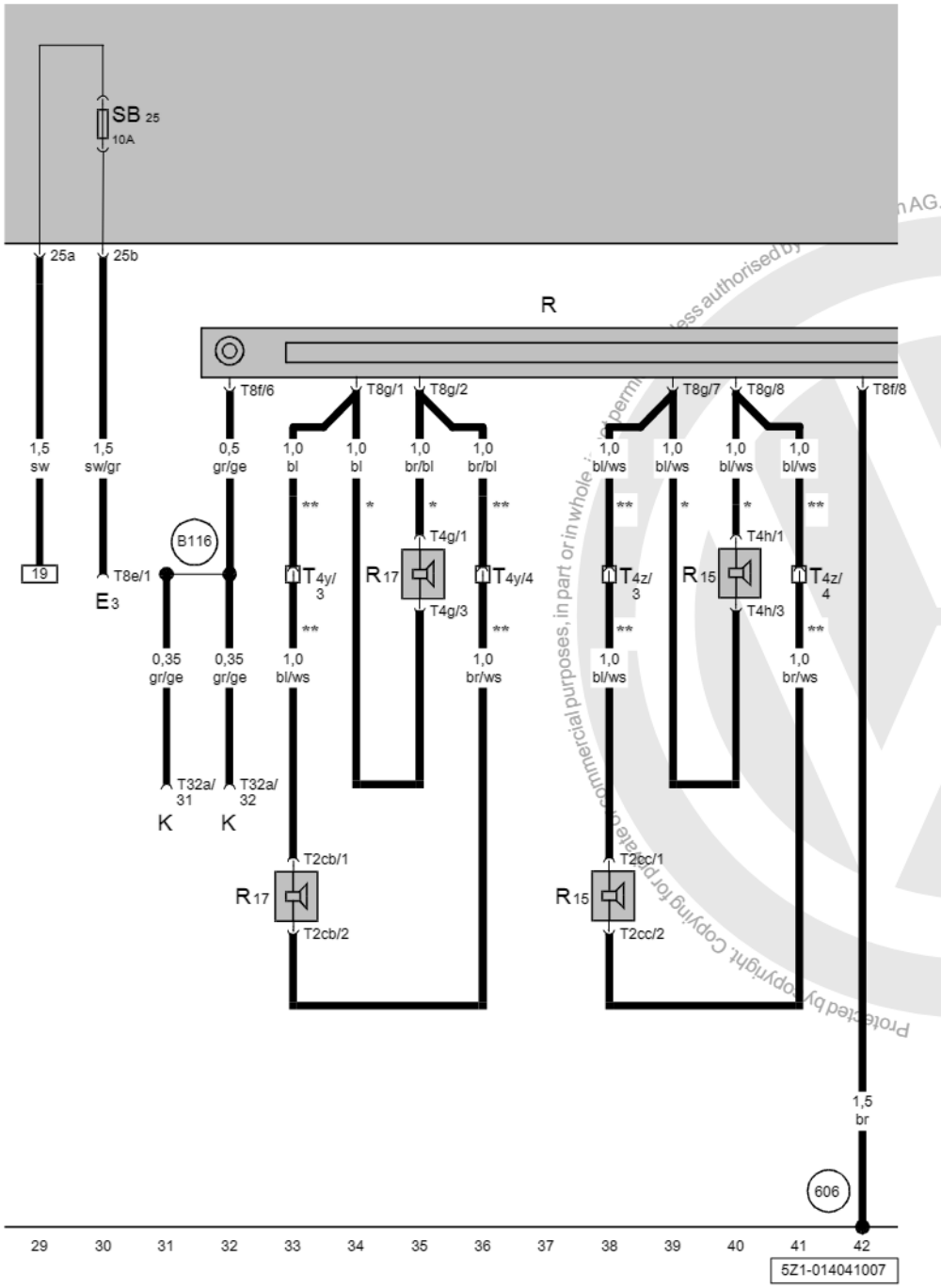


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J59	X-contact relief relay
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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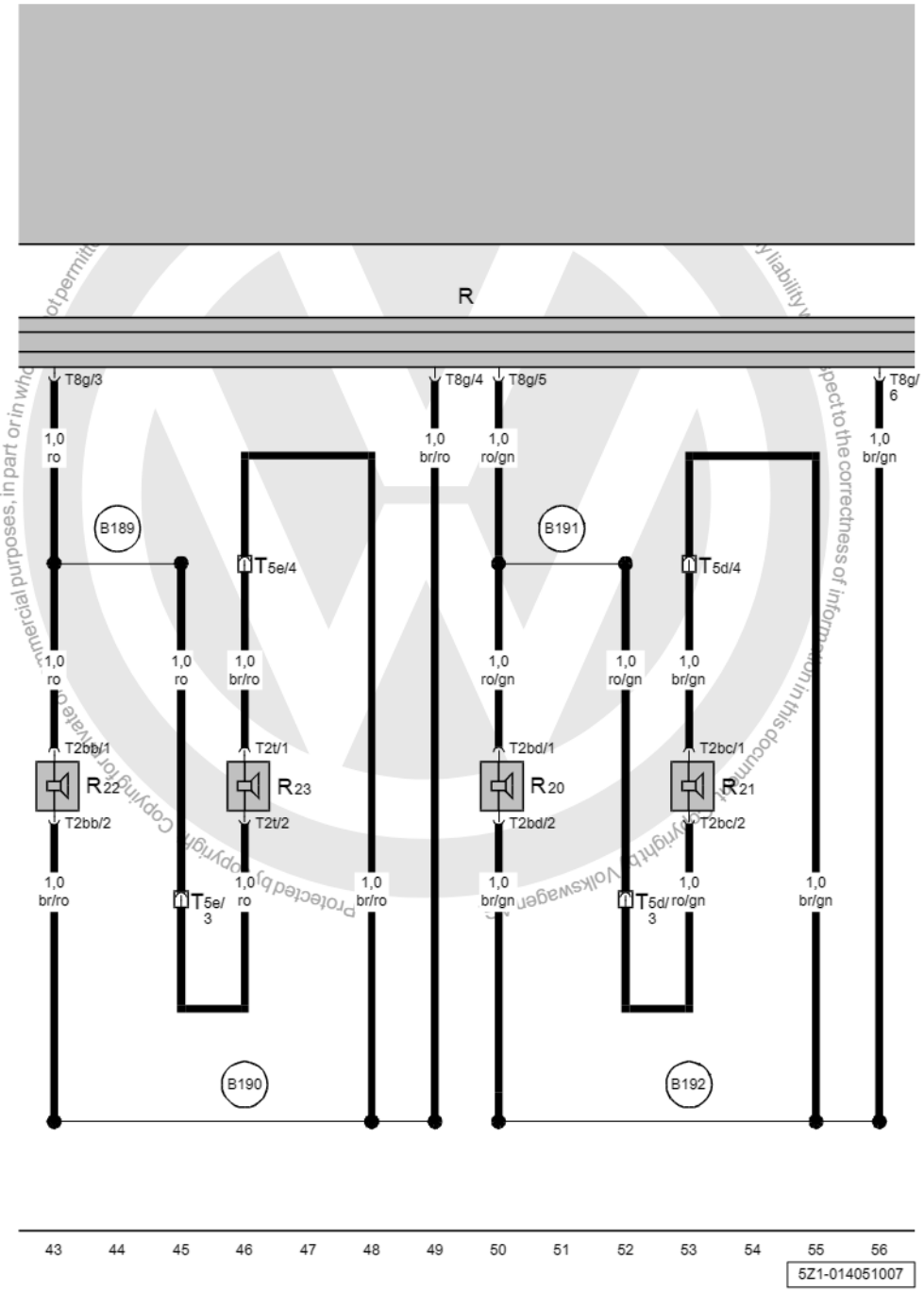


Radio, rear left bass loudspeaker, rear right bass loudspeaker

E3	Hazard warning light switch
K	Dash panel insert
R	Radio
R15	Rear left bass loudspeaker
R17	Rear right bass loudspeaker
SB25	Fuse 25 on fuse holder B
T2cb	2-pin connector, on rear right bass loudspeaker
T2cc	2-pin connector, on rear left bass loudspeaker
T4g	4-pin connector, on rear right bass loudspeaker
T4h	4-pin connector, on rear left bass loudspeaker
T4y	4-pin connector, in rear right door
T4z	4-pin connector, in rear left door
T8e	8-connector, on hazard warning light switch
T8f	8-connector, on radio
T8g	8-connector, on radio
T32a	32-pin connector, on dash panel insert
606	Earth point, under the centre console near selector lever
B116	Connection (58d), in interior wiring harness
*	for models with 2-door vehicle only
**	for models with 4-door vehicle only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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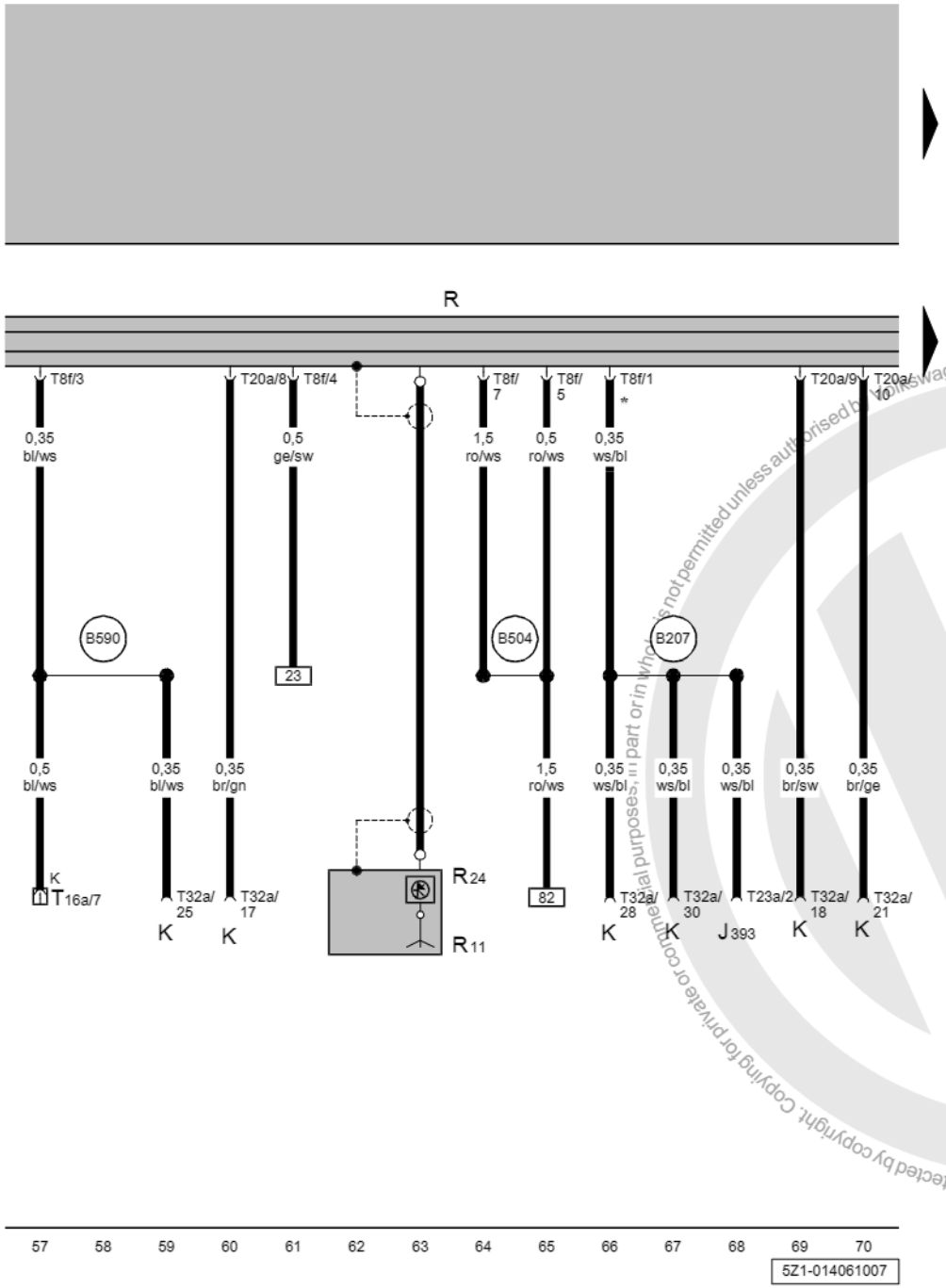
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Radio, front left treble loudspeaker, front left bass loudspeaker, front right treble loudspeaker, front right bass loudspeaker

R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2bb	2-pin connector, on front right treble loudspeaker
T2bc	2-pin connector, on front left bass loudspeaker
T2bd	2-pin connector, on front left treble loudspeaker
T2t	2-pin connector, on front right bass loudspeaker
T5d	5-pin connector, in driver door
T5e	5-pin connector, in front passenger door
T8g	8-connector, on radio
B189	Connection (positive, front right loudspeaker), in interior wiring harness
B190	Connection (negative, front right loudspeaker), in interior wiring harness
B191	Connection (positive, front left loudspeaker), in interior wiring harness
B192	Connection (negative, front left loudspeaker), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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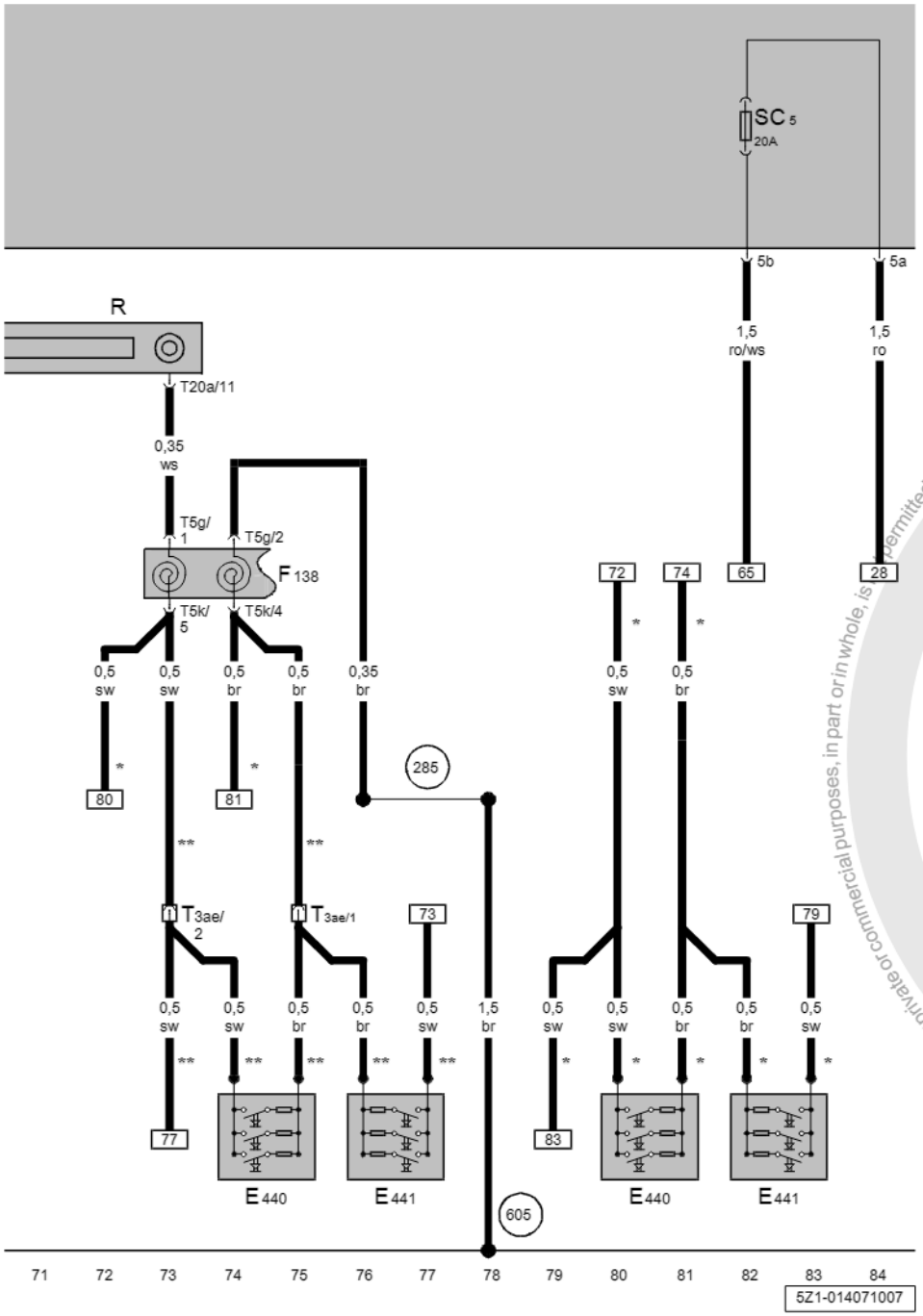


Radio, aerial, aerial amplifier

J393	Convenience system central control unit
K	Dash panel insert
R	Radio
R11	Aerial
R24	Aerial amplifier
T8f	8-connector, on radio
T16a	16-pin connector, diagnostic
T20a	20-pin connector, on radio
T23a	23-pin connector, on convenience system central control unit
T32a	32-pin connector, on dash panel insert
(B207)	Connection (convenience), in interior wiring harness
(B504)	Positive connection 8 (30a), in interior wiring harness
(B590)	Connection (K-diagnosis wiring), in interior wiring harness
*	for radios with speed dependant volume control only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Multifunction buttons on left in steering wheel, multifunction buttons on right in steering wheel, airbag coil connector/return spring with slip ring, radio

E440	Multifunction buttons on left in steering wheel
E441	Multifunction buttons on right in steering wheel
F138	Airbag coil connector and return spring with slip ring
R	Radio
SC5	Fuse 5 on fuse holder C
T3ae	3-pin connector, behind steering column switch trim
T5g	5-pin connector, on airbag coil connector and return spring with slip ring
T5k	5-pin connector, on airbag coil connector and return spring with slip ring
T20a	20-pin connector, on radio
(285)	Earth connection 7, in interior wiring harness
(605)	Earth point, on top end of steering column
*	only models without airbag
**	models with airbag only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Anti-lock brake system ABS

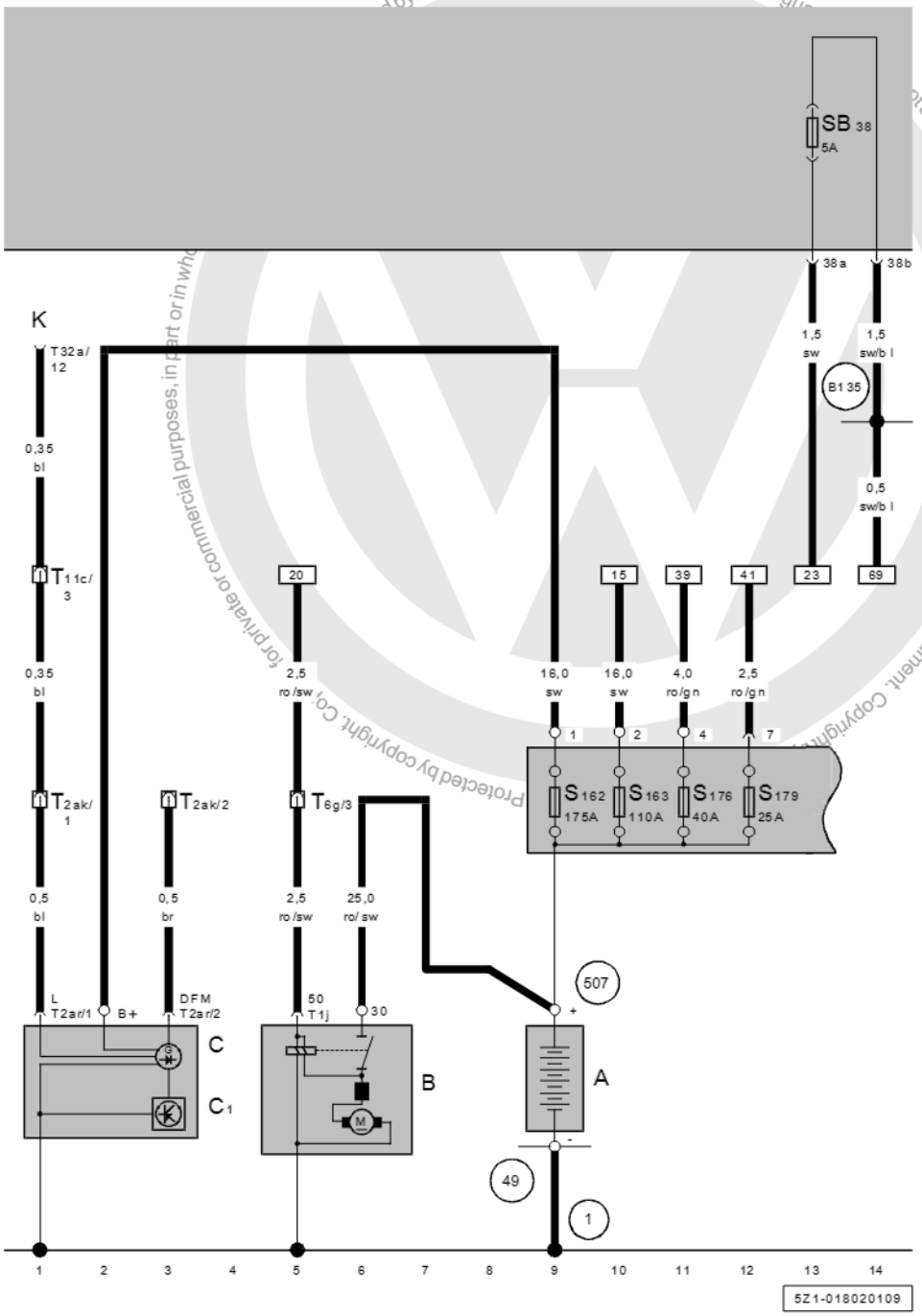
⇒ 1.0 l - 4BV/ 52-53 kW, engine code BJE
⇒ 1.0 l - 4BV/ 52 kW, engine code AQZ
from October 2003

Notes:
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

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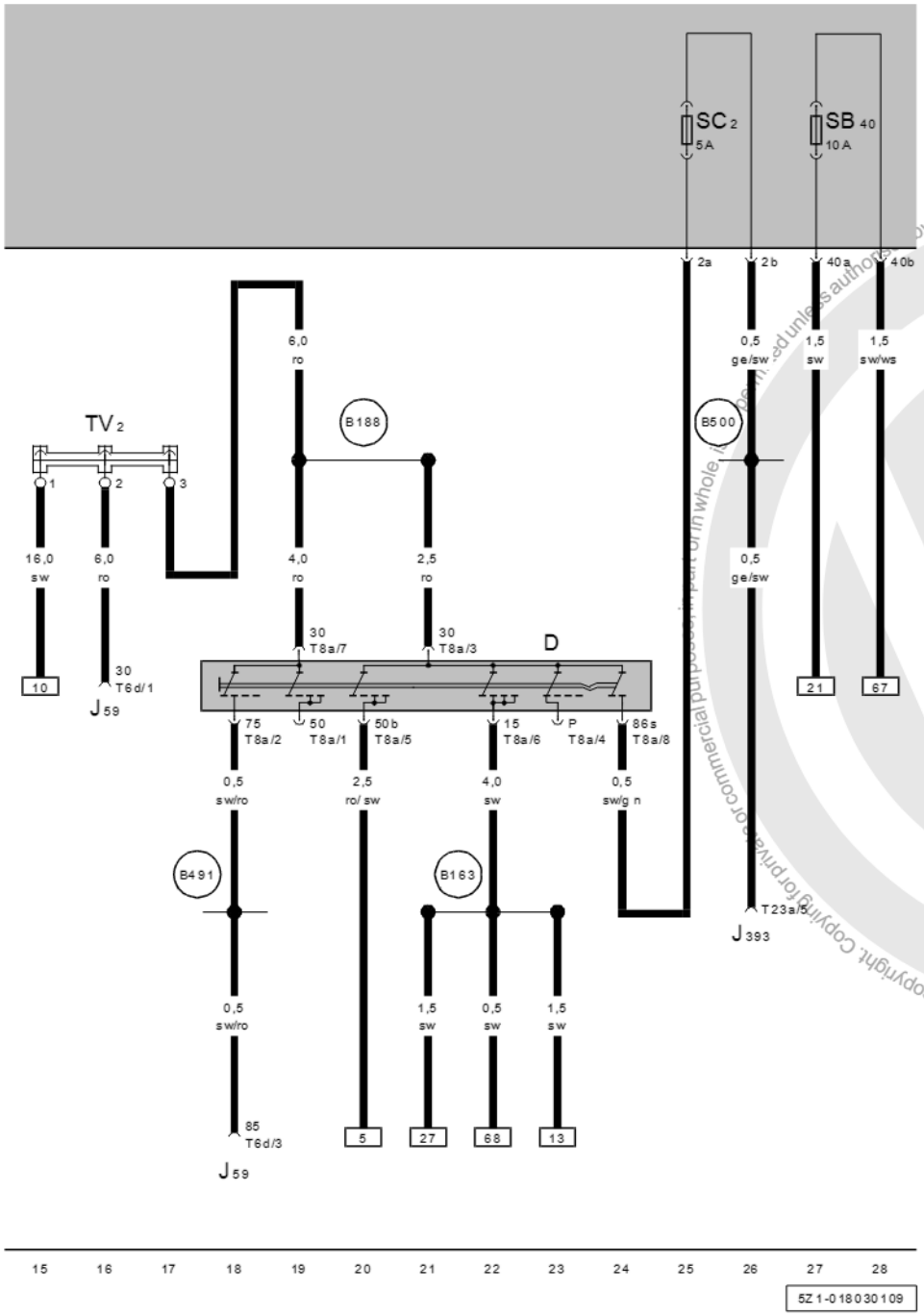


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
SB38	Fuse 38 on fuse holder B
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S176	Fuse 4 (30) in fuse holder on battery
S179	Fuse 7 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery
B135	Positive connection 1 (15a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Ignition/starter switch, terminal 30 wiring junction

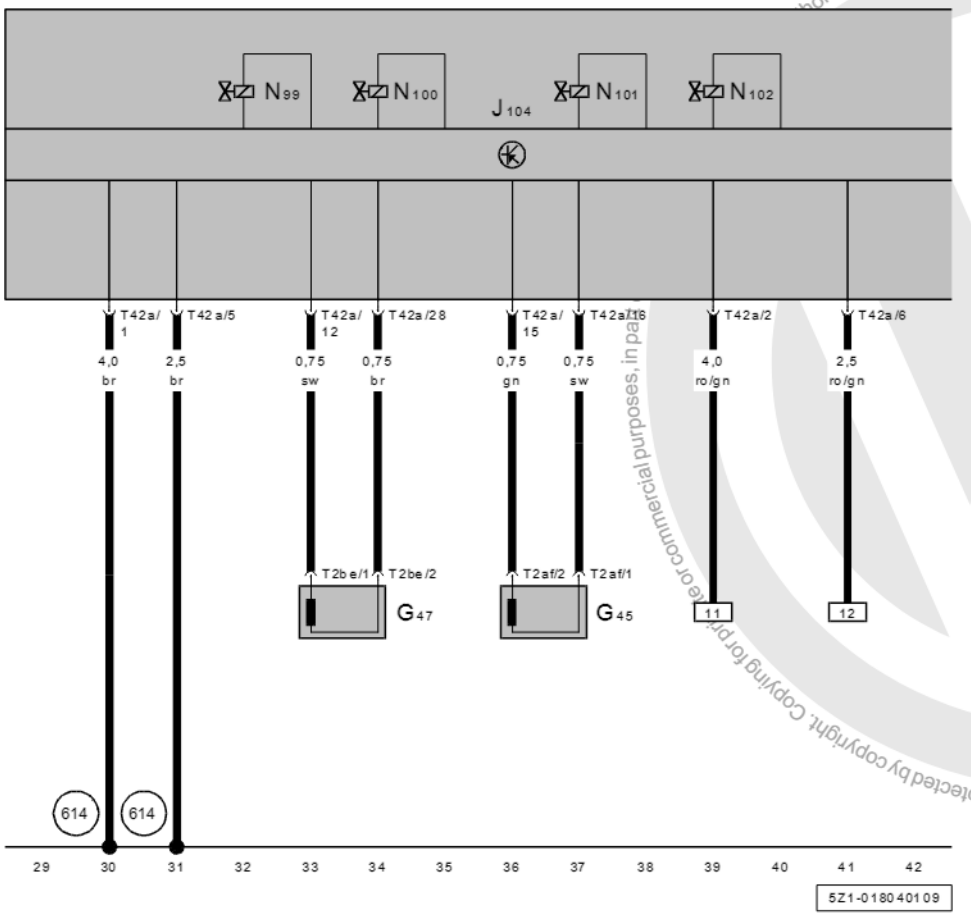
D	Ignition/starter switch
J59	X-contact relief relay
J393	Convenience system central control unit
SB40	Fuse 40 on fuse holder B
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-pin connector, on ignition/starter switch
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness
B503	Positive connection 7 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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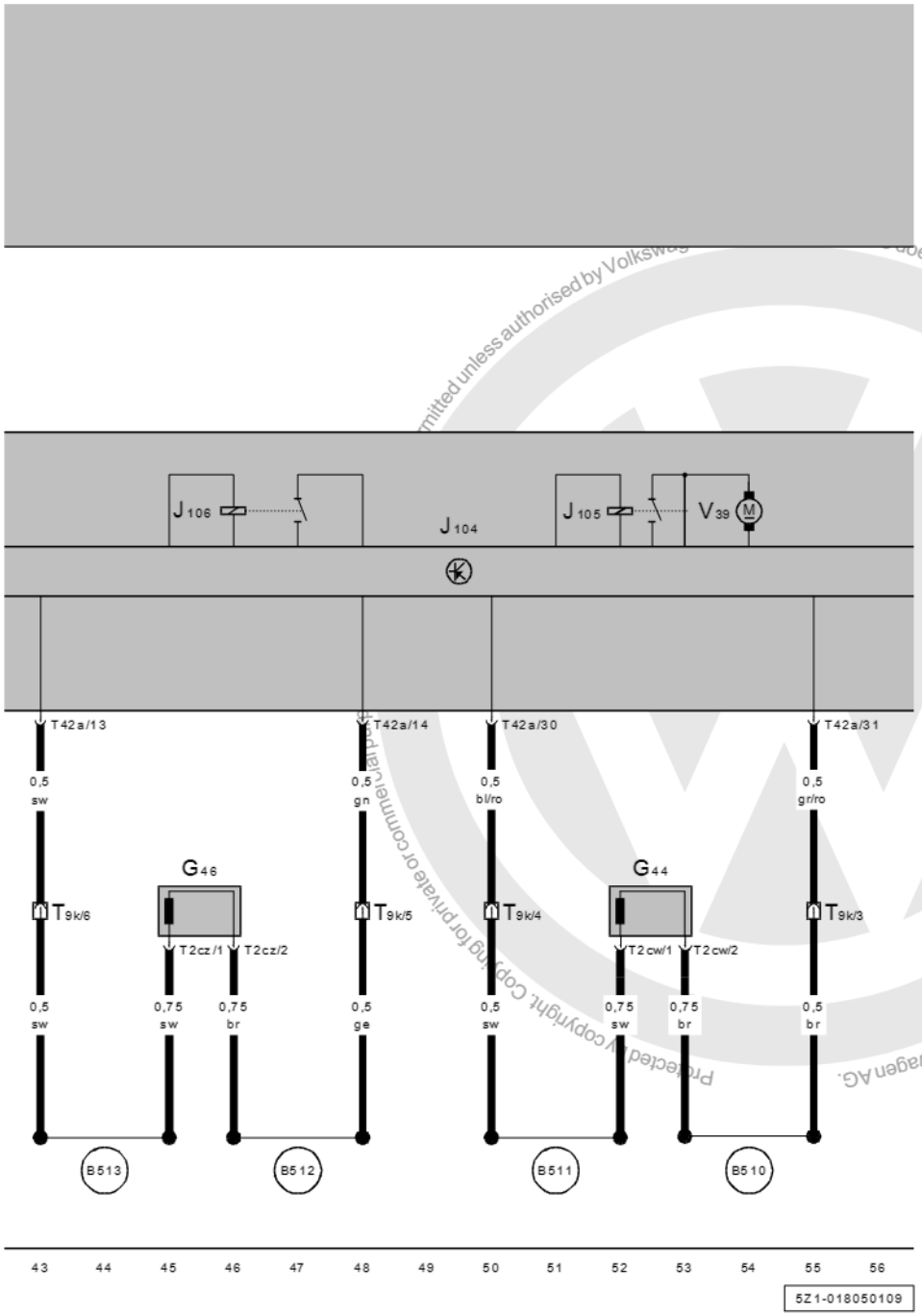
Front right speed sensor, front left speed sensor, ABS control unit, front right ABS inlet valve, front right ABS outlet valve

G45	Front right speed sensor
G47	Front left speed sensor
J104	ABS control unit
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N101	Front left ABS inlet valve
N102	Front left ABS outlet valve
T2af	2-pin connector, on front right speed sensor
T2be	2-pin connector, on front left speed sensor
T42a	42-pin connector, on ABS control unit
614	Earth point 2, on right in engine compartment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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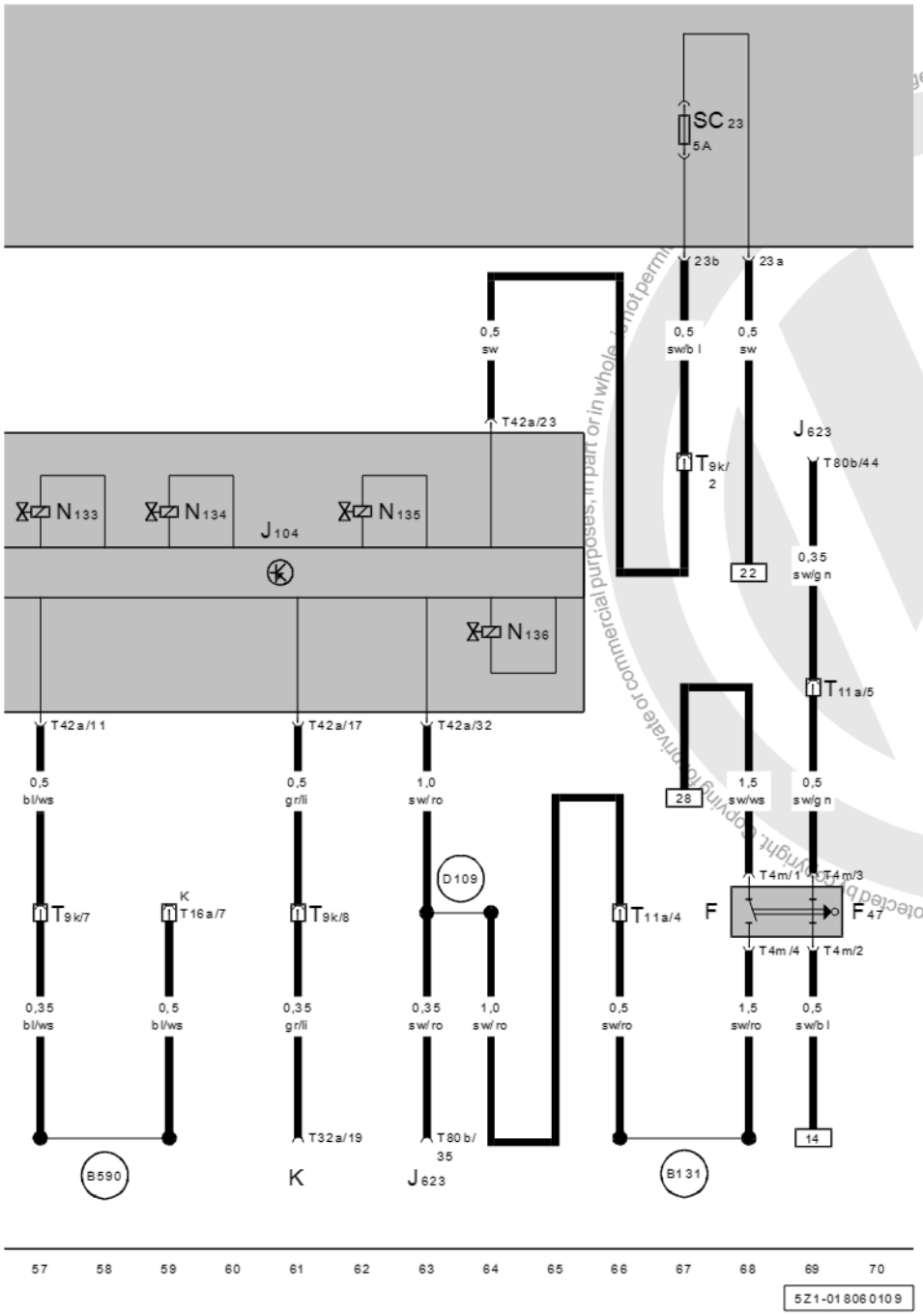


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Rear right speed sensor, rear left speed sensor, ABS control unit, ABS return flow pump relay, ABS solenoid valve relay, ABS return flow pump

G44	Rear right speed sensor
G46	Rear left speed sensor
J104	ABS control unit
J105	ABS return flow pump relay
J106	ABS solenoid valve relay
T2cw	2-pin connector, on rear right speed sensor
T2cz	2-pin connector, on rear left speed sensor
T9k	9-pin connector, in left engine compartment
T42a	42-pin connector, on ABS control unit
V39	ABS return flow pump
B510	Connection 1 (rear right speed sensor), in interior wiring harness
B511	Connection 2 (rear right speed sensor), in interior wiring harness
B512	Connection 1 (rear left speed sensor), in interior wiring harness
B513	Connection 1 (rear left speed sensor), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Brake light switch, brake pedal switch, ABS control unit, rear right ABS inlet valve, rear left ABS inlet valve, rear right ABS outlet valve

F	Brake light switch
F47	Brake pedal switch
J104	ABS control unit
J623	Engine control unit
K	Dash panel insert
N133	Rear right ABS inlet valve
N134	Rear left ABS inlet valve
N135	Rear right ABS outlet valve
N136	Rear left ABS outlet valve
SC23	Fuse 23 on fuse holder C
T4m	4-pin connector, on brake pedal switch
T9k	9-pin connector, in left engine compartment
T11a	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T32a	32-pin connector, on dash panel insert
T42a	42-pin connector, on ABS control unit
T80b	80-pin connector, on engine control unit
B131	Connection (54), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness
D109	Positive connection (54), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

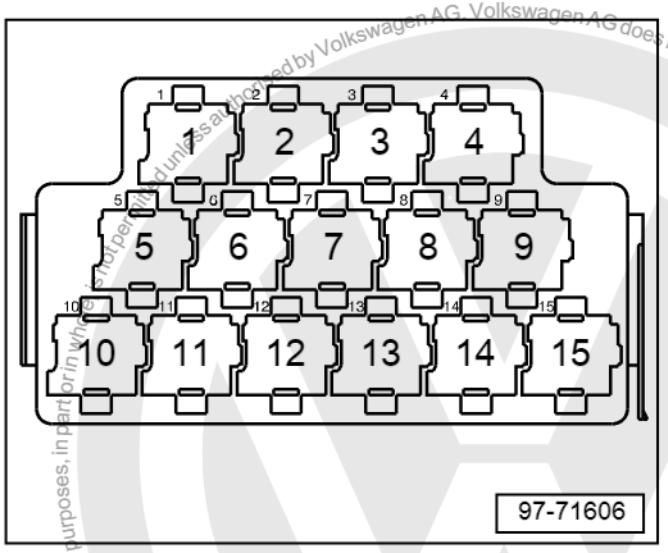
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Anti-lock brake system ABS

⇒ 1.6 l/74-76 kW Motronic, engine code BJA
⇒ 1.6 l/74 kW Motronic, engine code BAH
⇒ 1.6 l/74-76 kW Motronic, engine code BPA
from October 2003

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

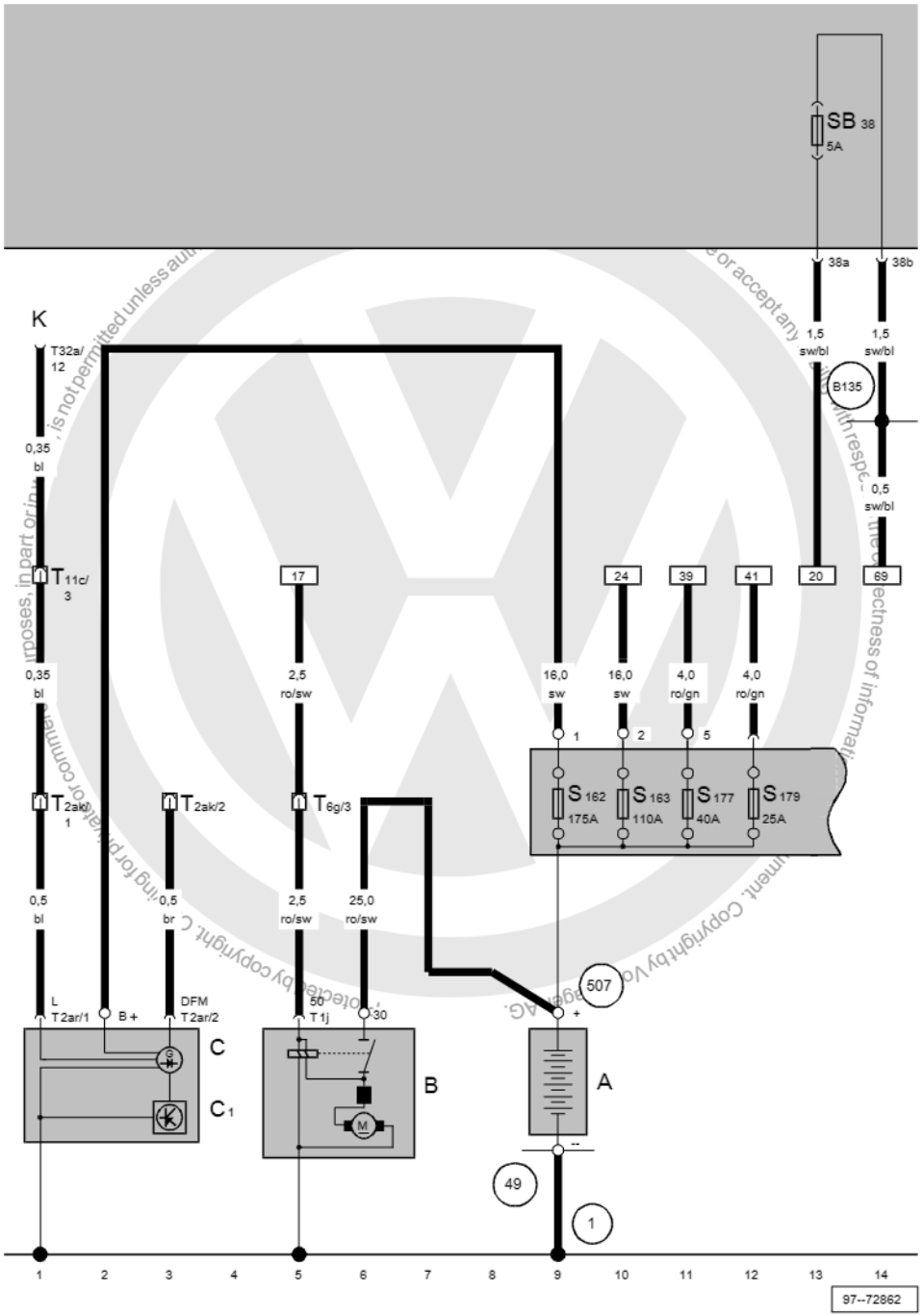
Relay locations on relay plate:



Note:

♦ *The number in brackets denotes the control number on relay.*

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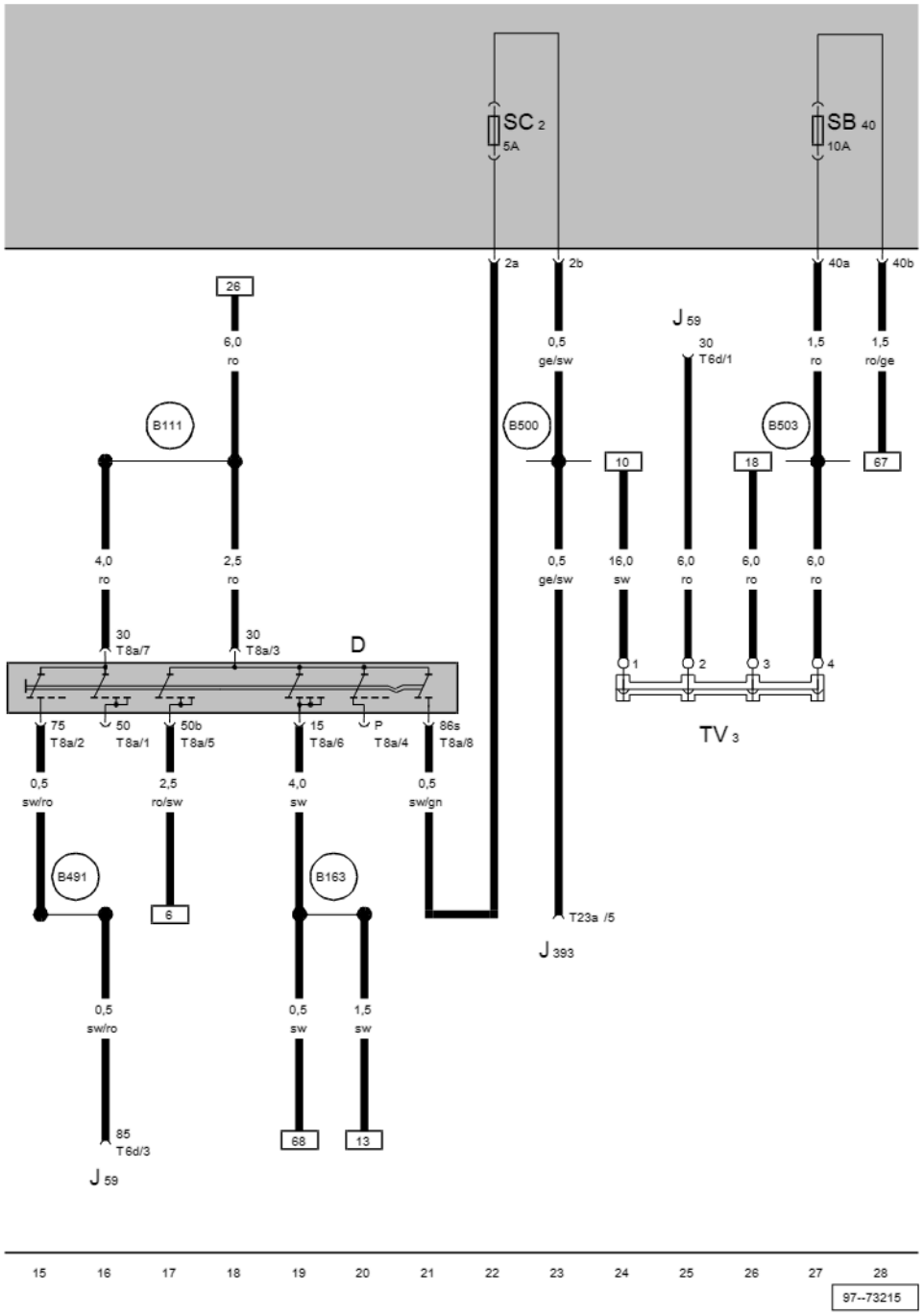


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
SB38	Fuse 38 on fuse holder
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S177	Fuse 5 (30) in fuse holder on battery
S179	Fuse 7 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery
B135	Positive connection 1 (15a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Ignition/starter switch, terminal 30a wiring junction

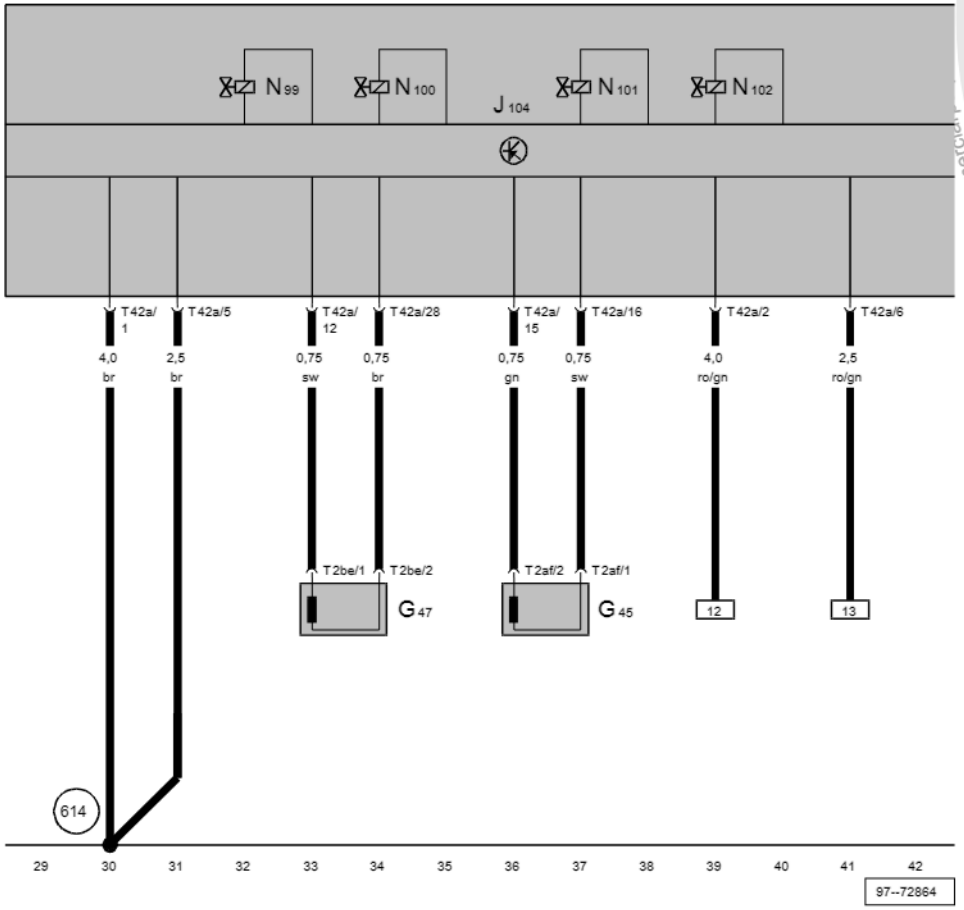
D	Ignition/starter switch
J59	X-contact relief relay
J393	Convenience system central control unit
SB40	Fuse 40 on fuse holder
SC2	Fuse 2 on fuse holder
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
T23a	23-pin connector, on convenience system central control unit
TV3	Terminal 30a wiring junction
B111	Positive connection 1 (30a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness
B503	Positive connection 7 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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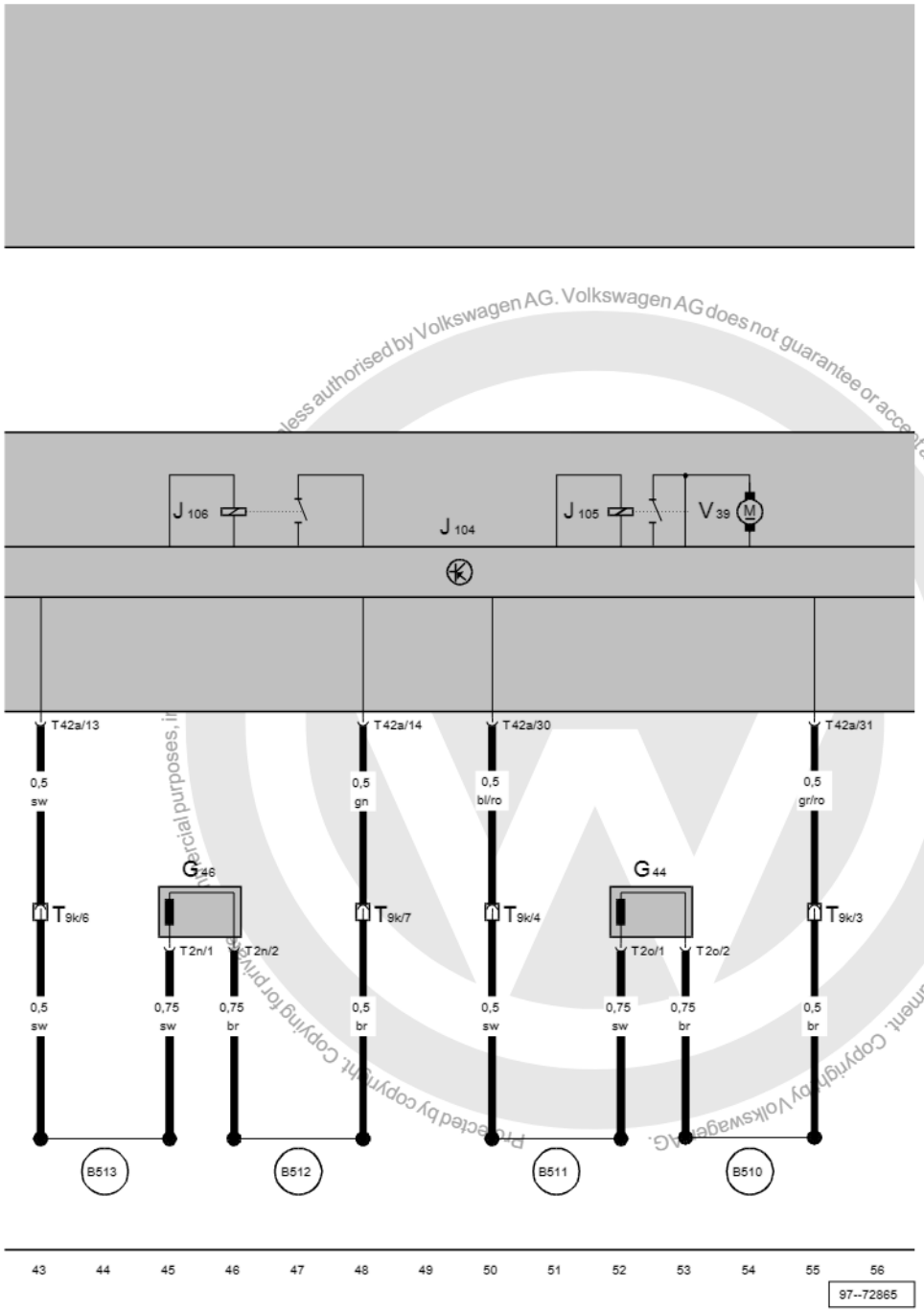
Front right speed sensor, front left speed sensor, ABS control unit with EDL, front right/ left ABS inlet valve, front right/ left ABS outlet valve

G45	Front right speed sensor
G47	Front left speed sensor
J104	ABS control unit with EDL
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N101	Front left ABS inlet valve
N102	Front left ABS outlet valve
T2af	2-pin connector, on front right speed sensor
T2be	2-pin connector, on front left speed sensor
T42a	42-pin connector, on ABS control unit with EDL
614	Earth point 2, on right in engine compartment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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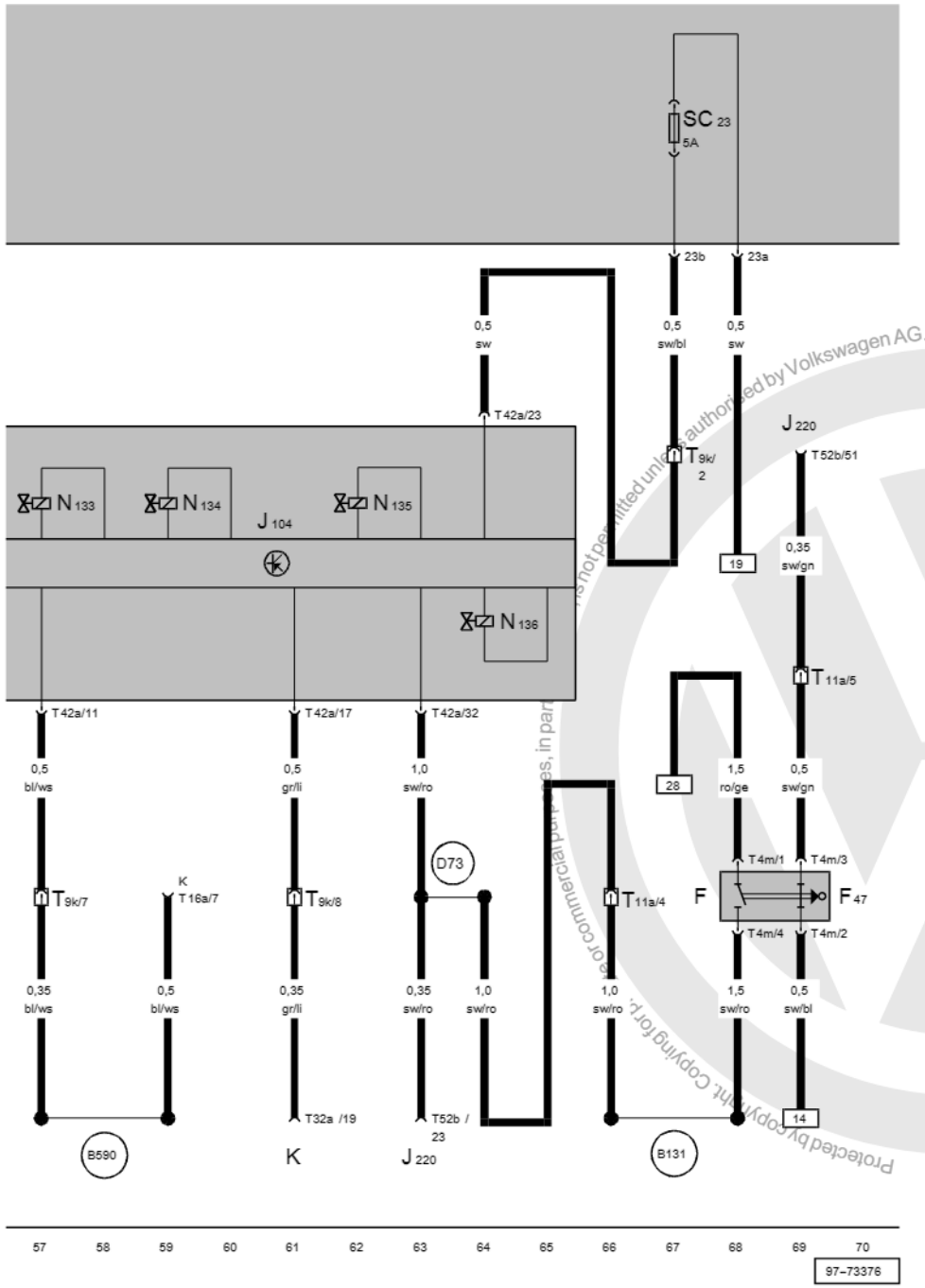


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Rear right speed sensor, rear left speed sensor, ABS control unit with EDL, ABS return flow pump relay, ABS solenoid valve relay, ABS return flow pump

G44	Rear right speed sensor
G46	Rear left speed sensor
J104	ABS control unit with EDL
J105	ABS return flow pump relay
J106	ABS solenoid valve relay
T2n	2-pin connector, on rear left speed sensor
T2o	2-pin connector, on rear right speed sensor
T9k	9-pin connector, yellow, in left engine compartment
T42a	42-pin connector, on ABS control unit with EDL
V39	ABS return flow pump
B510	Connection 1 (rear right speed sensor), in interior wiring harness
B511	Connection 2 (rear right speed sensor), in interior wiring harness
B512	Connection 1 (rear left speed sensor), in interior wiring harness
B513	Connection 2 (rear left speed sensor), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Brake light switch, cruise control system brake pedal switch/ diesel direct injection system, rear left/ right ABS inlet valve, rear right/ left ABS outlet valve

F	Brake light switch
F47	Cruise control system brake pedal switch/diesel direct injection system
J104	ABS control unit with EDL
J220	Motronic control unit
K	Dash panel insert
N133	Rear right ABS inlet valve
N134	Rear left ABS inlet valve
N135	Rear right ABS outlet valve
N136	Rear left ABS outlet valve
SC23	Fuse 23 on fuse holder
T4m	4-pin connector, on brake light switch
T9k	9-pin connector, yellow, in left engine compartment
T11a	11-pin connector, red, in left engine compartment
T16a	16-pin connector, on fuse holder
T32a	32-pin connector, on dash panel insert
T45a	42-pin connector, on ABS control unit with EDL
T52b	52-pin connector, on Motronic control unit
B131	Connection (54), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness
D73	Positive connection (54), in engine compartment wiring harness

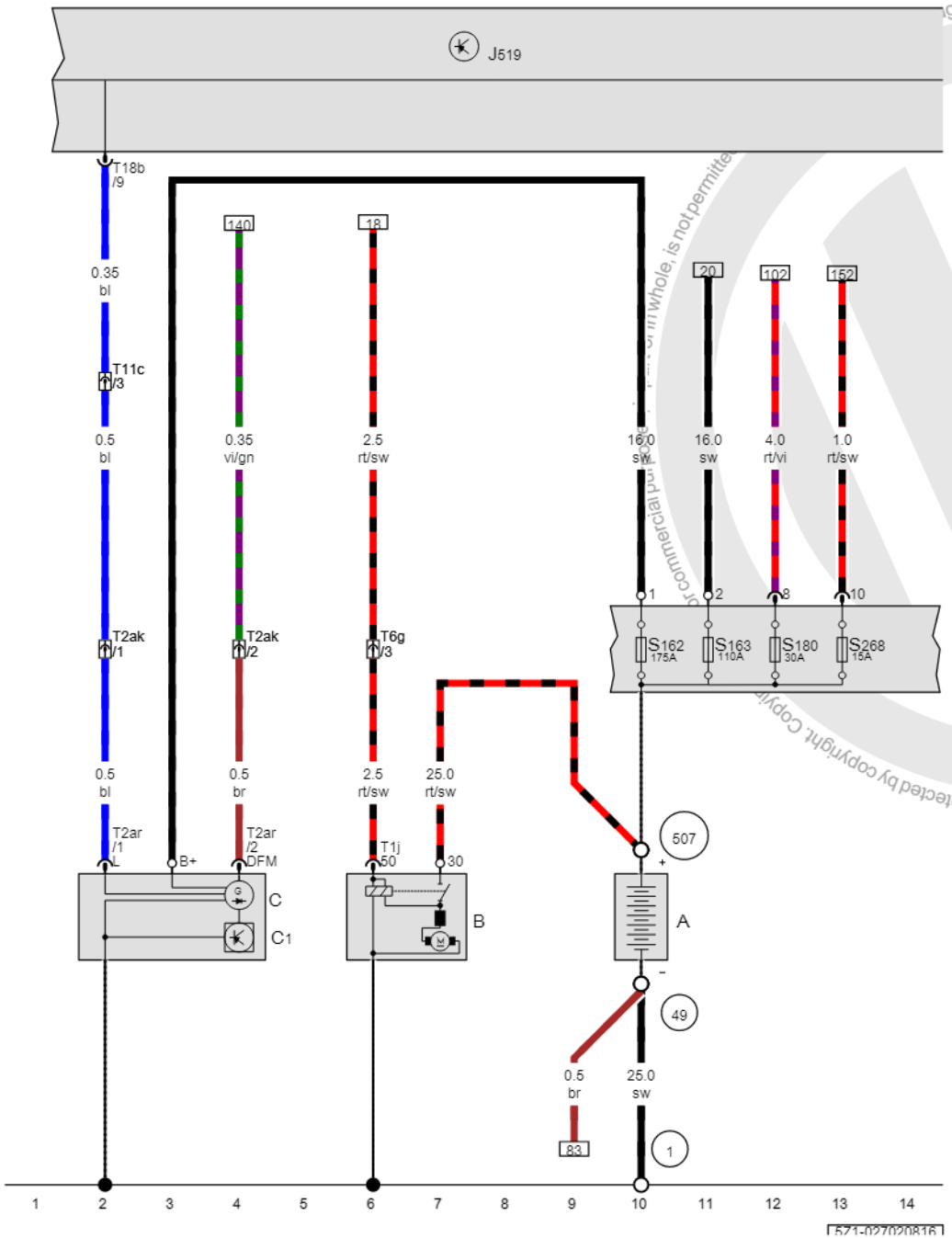
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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1.4l petrol engine , BKR,(F6G)

From November 2004

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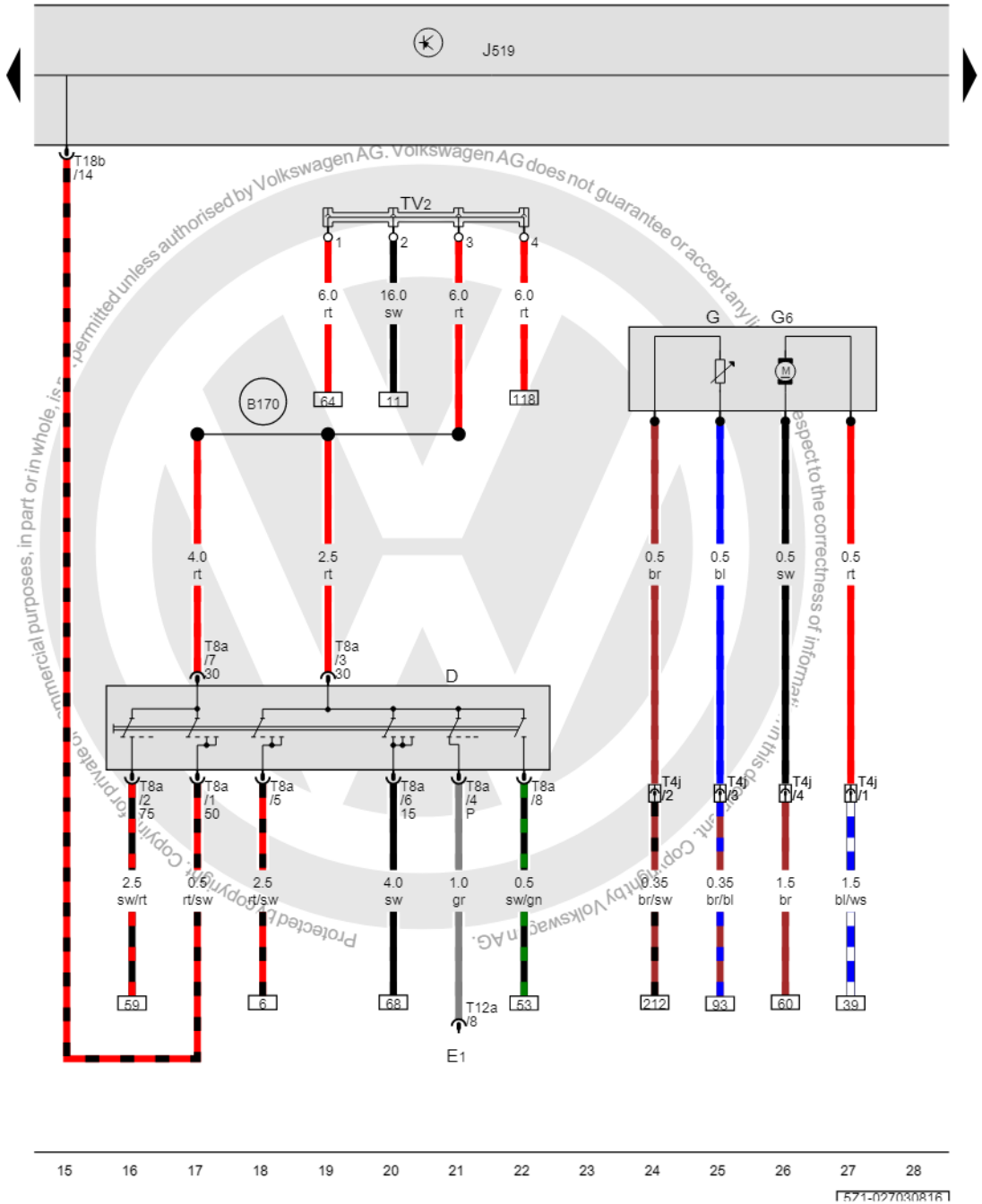


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S180	Fuse 8 (30), in battery fuse holder
S268	Fuse 10 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ... near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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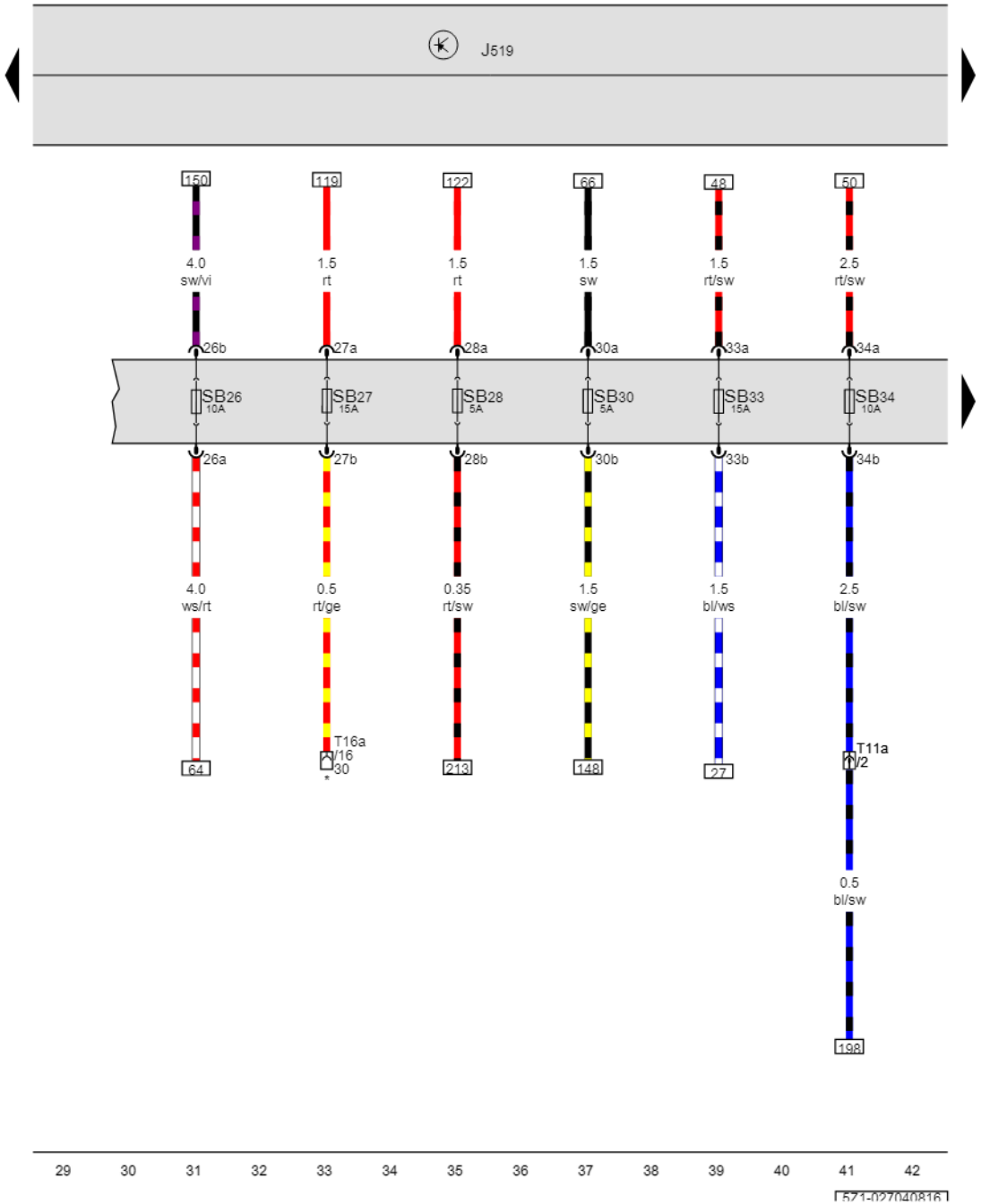


Ignition/starter switch, Fuel gauge sender, Fuel system pressurisation pump, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
G	Fuel gauge sender
G6	Fuel system pressurisation pump
J519	Onboard supply control unit
T4j	4-pin connector
T8a	8-pin connector
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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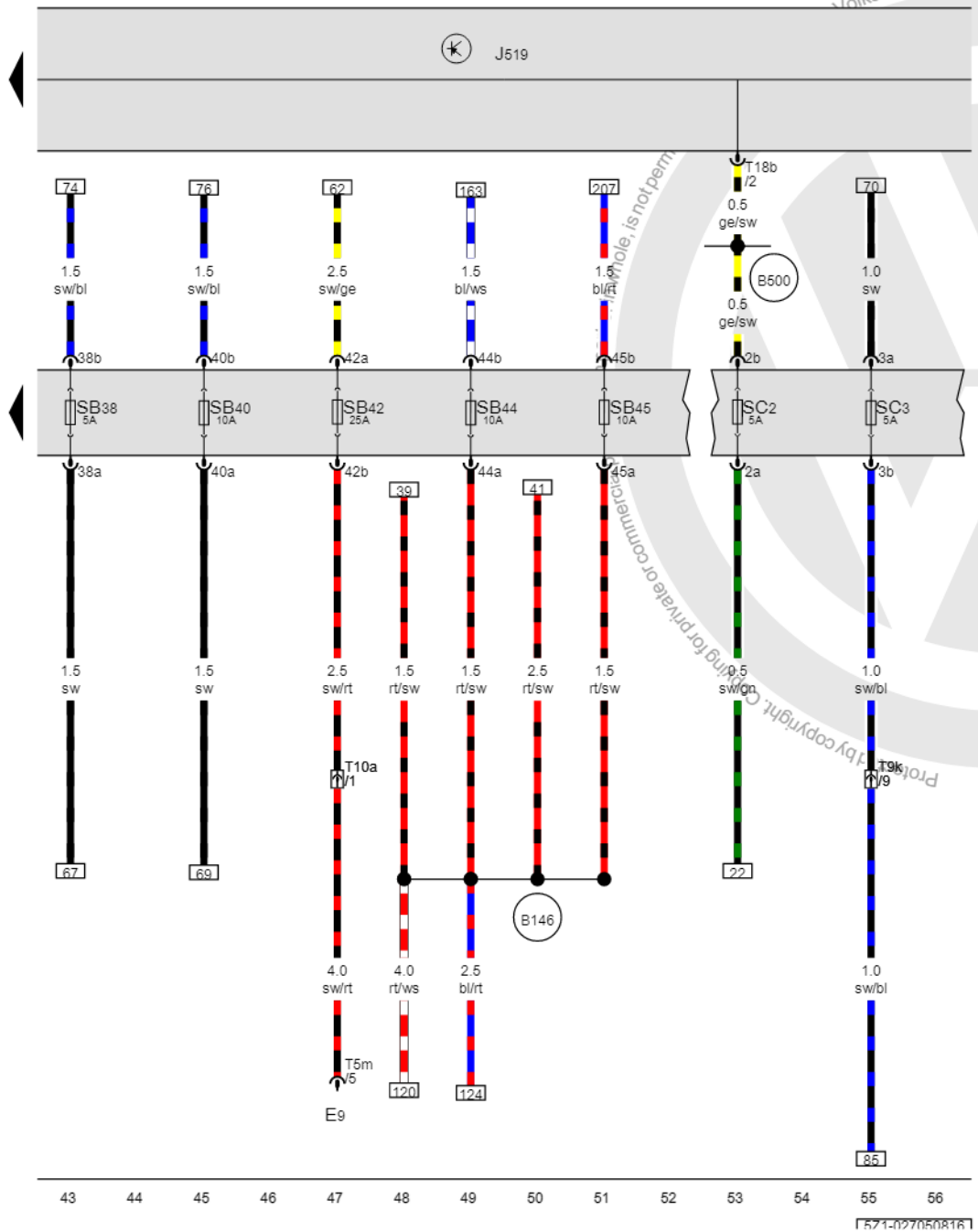


Onboard supply control unit

J519	Onboard supply control unit
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB33	Fuse 33 on fuse holder B
SB34	Fuse 34 on fuse holder B
T11a	11-pin connector, on left in plenum chamber
T16a	16-pin connector
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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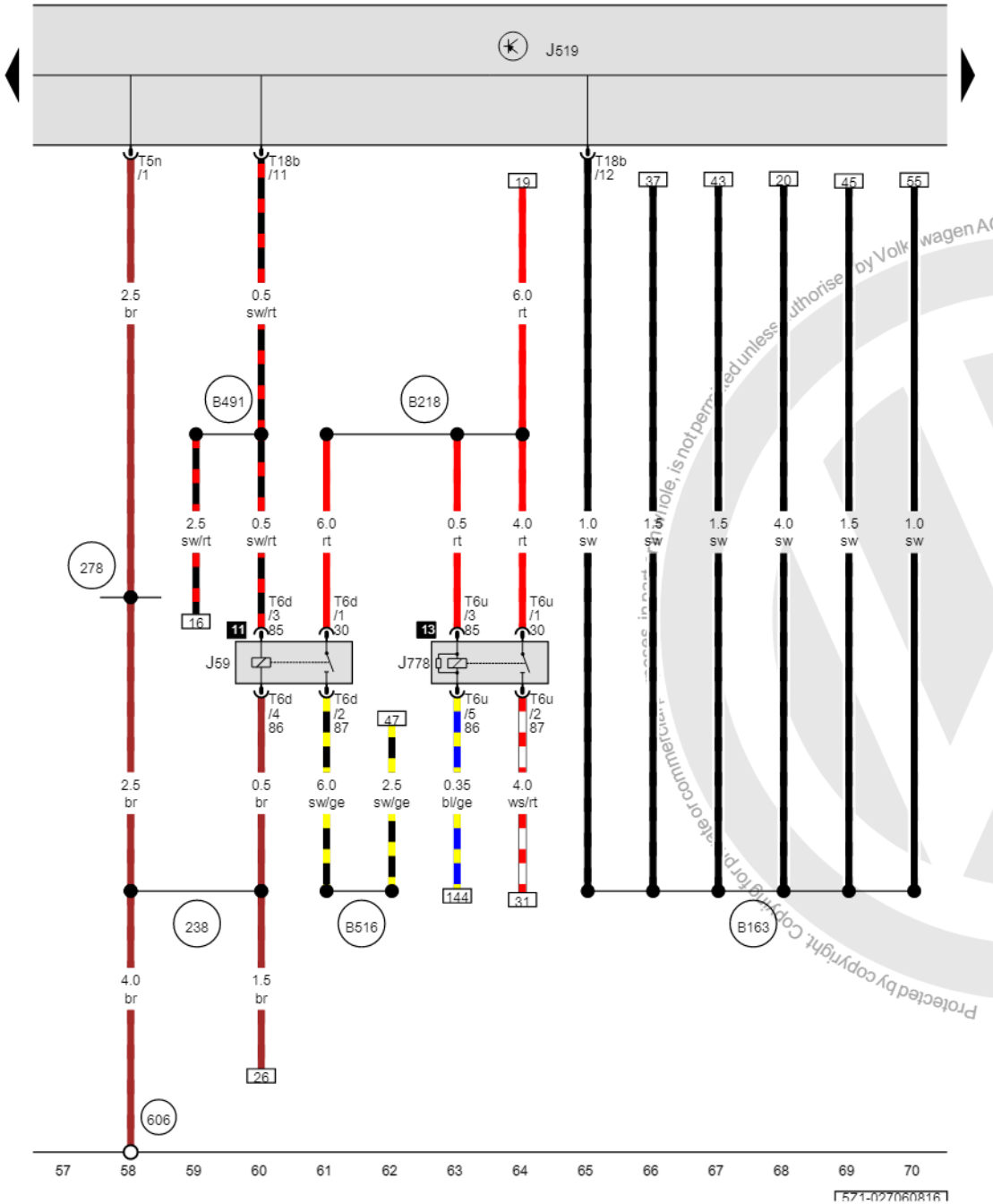


Onboard supply control unit

E9	Fresh air blower switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
SB42	Fuse 42 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
T5m	5-pin connector
T9k	9-pin connector, on left in plenum chamber
T10a	10-pin connector, behind dash panel, right
T18b	18-pin connector
B146	Positive connection 1 (87), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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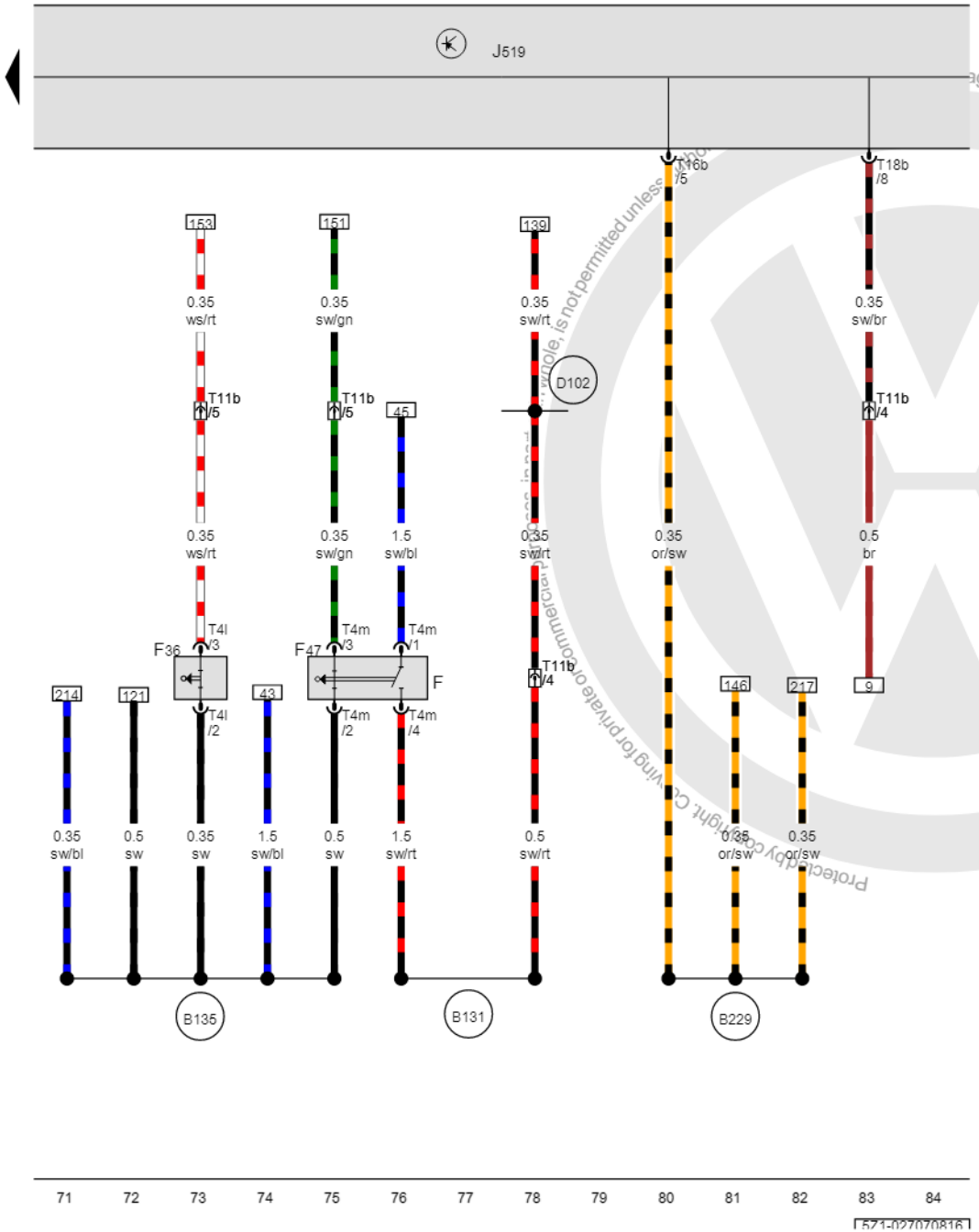


X-contact relief relay, Onboard supply control unit, 4EV injection system current supply relay

J59	X-contact relief relay
J519	Onboard supply control unit
J778	4EV injection system current supply relay
T5n	5-pin connector
T6d	6-pin connector
T6u	6-pin connector
T18b	18-pin connector
238	Earth connection 1, in interior wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near gear stick
B163	Positive connection 1 (15), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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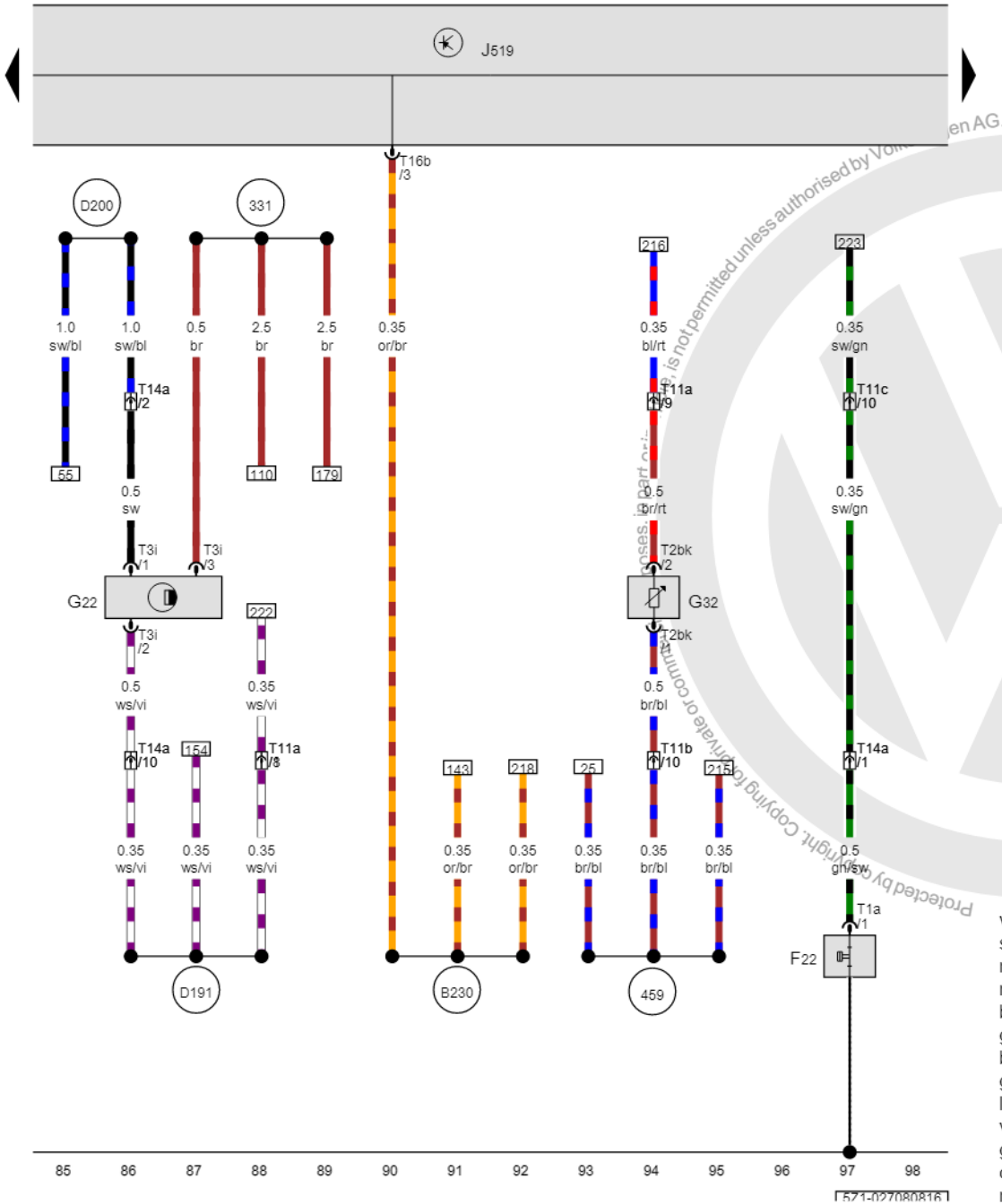


Brake light switch, Clutch pedal switch, Brake pedal switch, Onboard supply control unit

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J519	Onboard supply control unit
T4l	4-pin connector
T4m	4-pin connector
T11b	11-pin connector, on left in plenum chamber
T16b	16-pin connector
T18b	18-pin connector
B131	Connection (54), in interior wiring harness
B135	Connection 1 (15a), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
D102	Connection 2 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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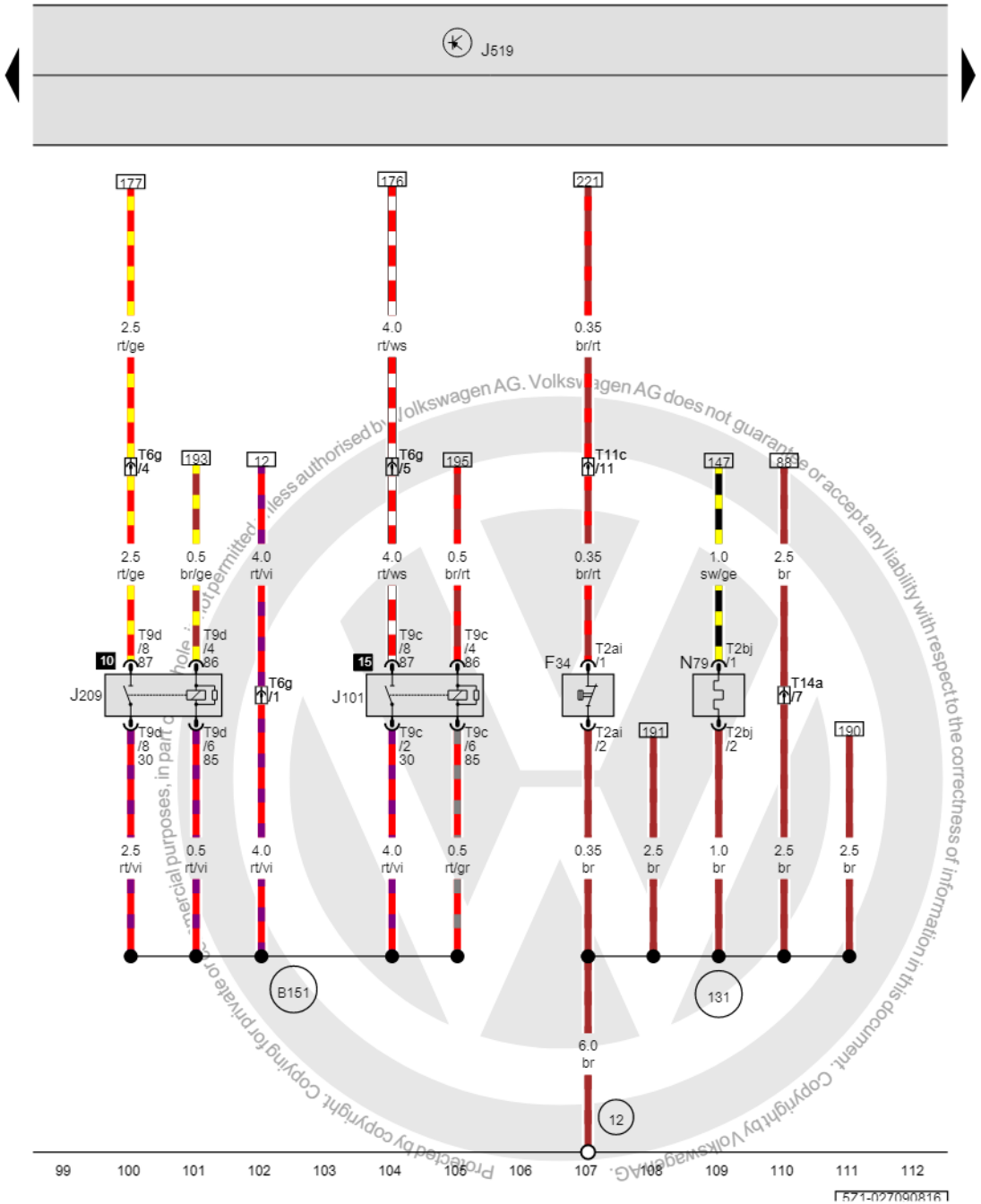


Oil pressure switch, Speedometer sender, Coolant shortage indicator sender, Onboard supply control unit

F22	Oil pressure switch
G22	Speedometer sender
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
T1a	Single connector
T2bk	2-pin connector
T3i	3-pin connector
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T16b	16-pin connector
331	Earth connection, in injection system wiring harness
459	Earth connection 15, in interior wiring harness
B230	Connection (low bus), in interior wiring harness
D191	Speed sender connection, in engine compartment wiring harness
D200	Positive connection 3 (15a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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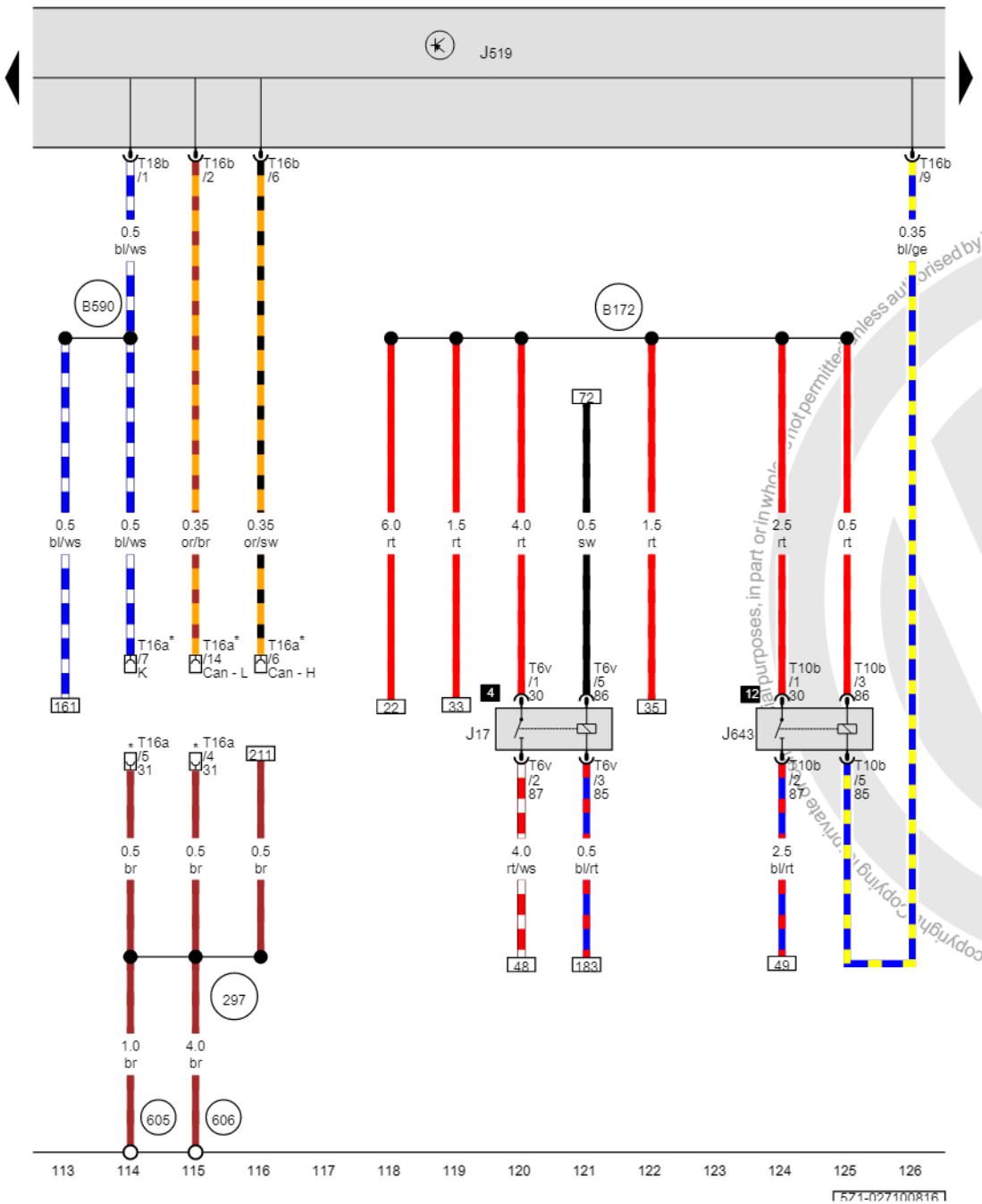


Brake fluid level warning contact, Radiator fan 2nd speed relay, Fresh air blower and radiator fan relay, Onboard supply control unit, Heater element for crankcase breather

F34	Brake fluid level warning contact
J101	Radiator fan 2nd speed relay
J209	Fresh air blower and radiator fan relay
J519	Onboard supply control unit
N79	Heater element for crankcase breather
T2ai	2-pin connector
T2bj	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T9c	9-pin connector
T9d	9-pin connector
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
B151	Positive connection 3 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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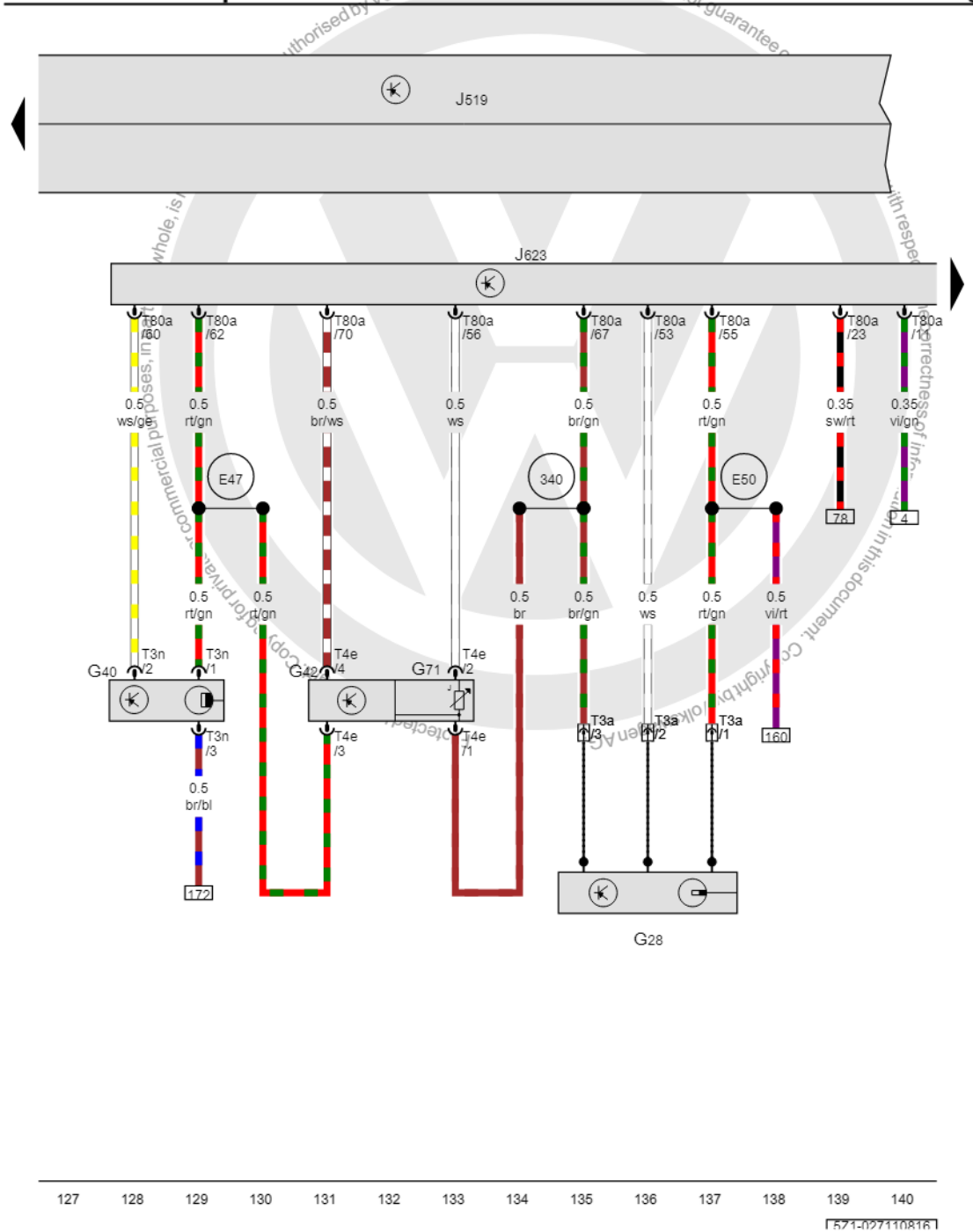


Fuel pump relay, Onboard supply control unit, Fuel supply relay

J17	Fuel pump relay
J519	Onboard supply control unit
J643	Fuel supply relay
T6v	6-pin connector
T10b	10-pin connector
T16a	16-pin connector
T16b	16-pin connector
T18b	18-pin connector
297	Earth connection 12, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near gear stick
B172	Positive connection 4 (30), in interior wiring harness
B590	K-diagnosis wire connection, in interior wiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

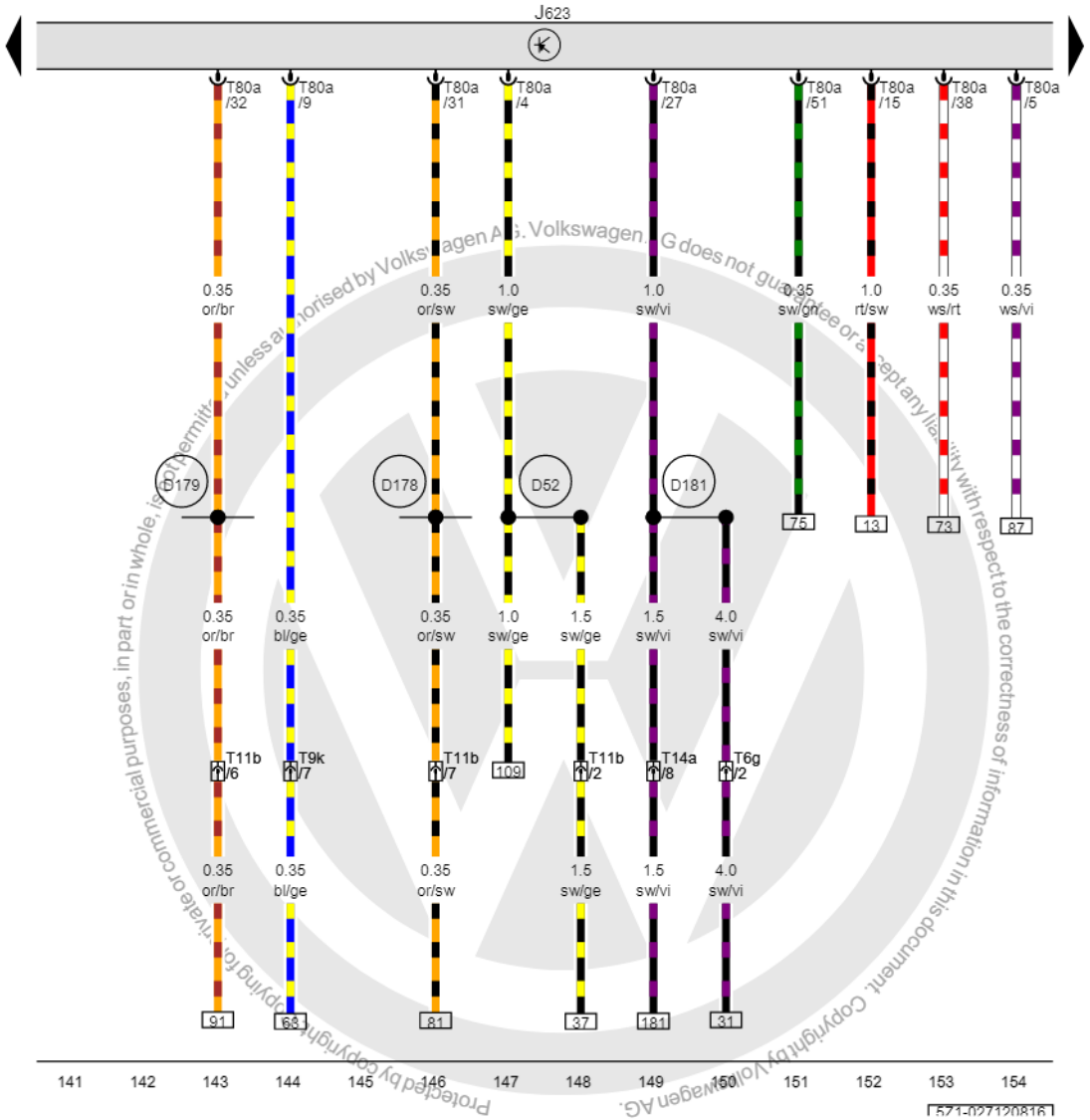
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Engine speed sender, Hall sender, Intake air temperature sender, Intake manifold pressure sender, Onboard supply control unit, Engine control unit

G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
J519	Onboard supply control unit
J623	Engine control unit
T3a	3-pin connector
T3n	3-pin connector
T4e	4-pin connector
T80a	80-pin connector
340	Earth connection 2, in injection system wiring harness
E47	Positive connection 2 (5 Volt) in injection system wiring harness
E50	Positive connection 3 (5 Volt) in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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rs	=	pink



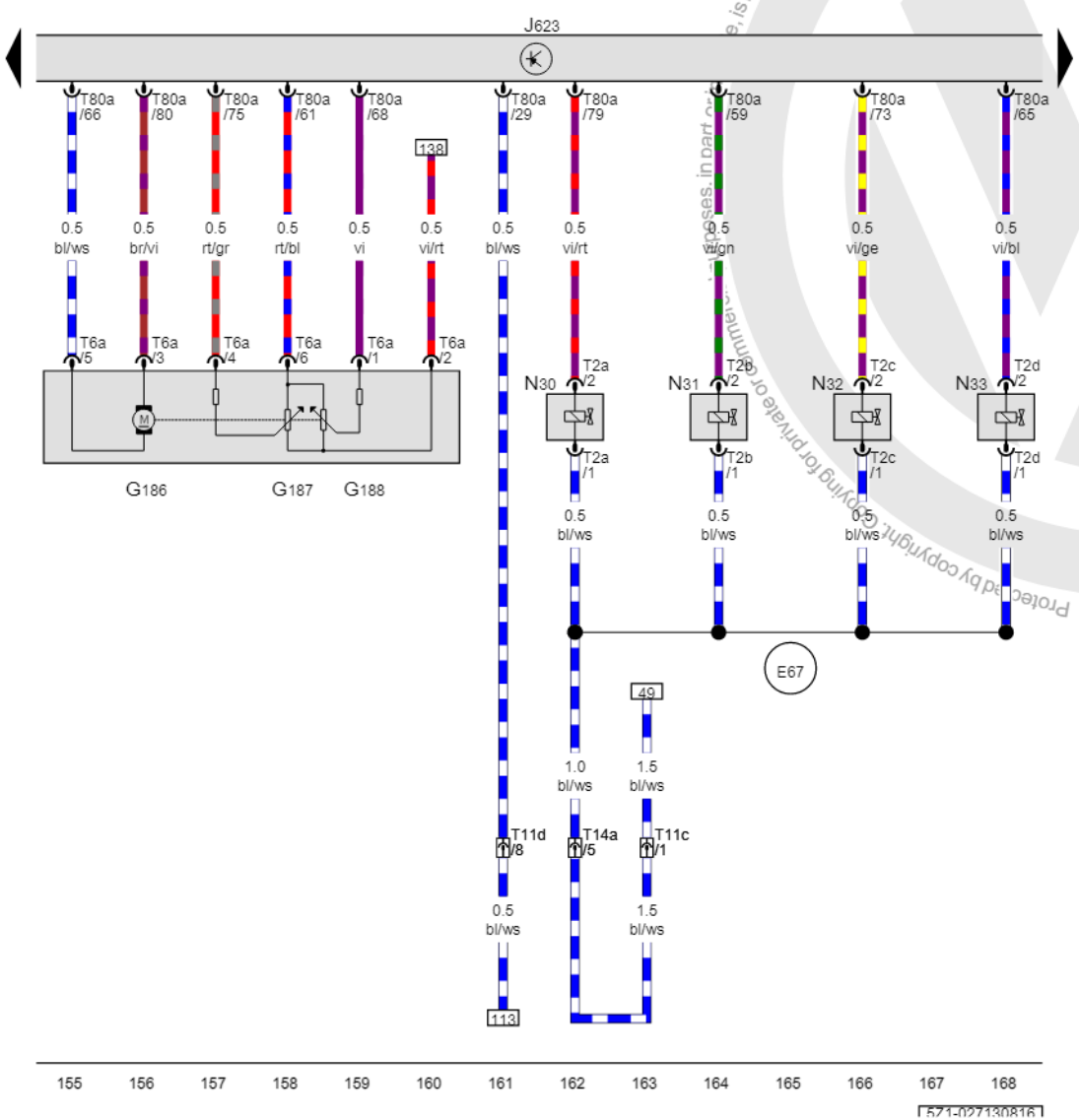
Engine control unit

J623	Engine control unit
T6g	6-pin connector, on left in plenum chamber
T9k	9-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T80a	80-pin connector
D52	Positive connection (15a), in engine compartment wiring harness
D178	Connection 2 (high bus), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

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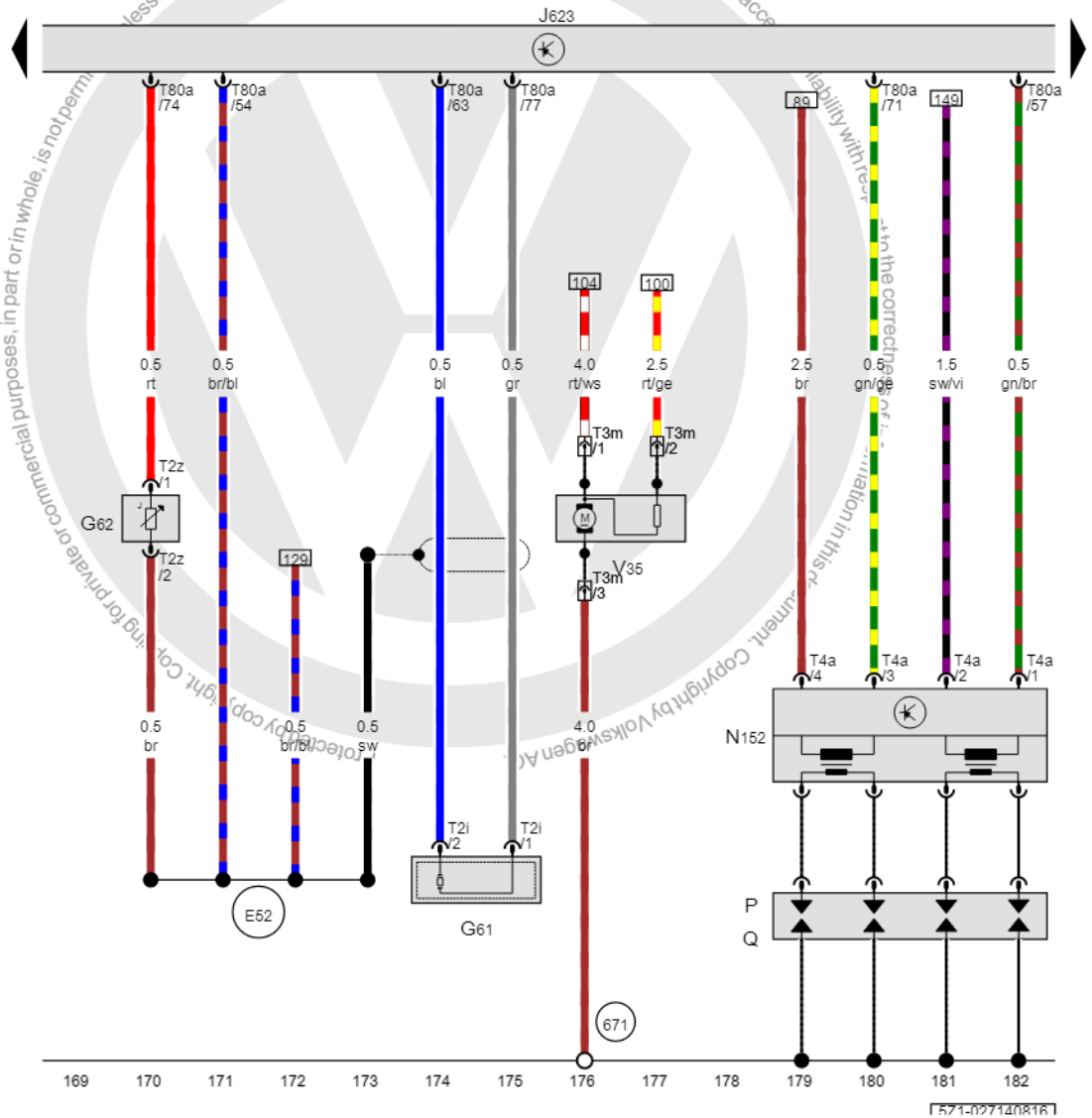
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Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2a	2-pin connector
T2b	2-pin connector
T2c	2-pin connector
T2d	2-pin connector
T6a	6-pin connector
T11c	11-pin connector, on left in plenum chamber
T11d	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T80a	80-pin connector
E67	Connection 1 (87a) in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



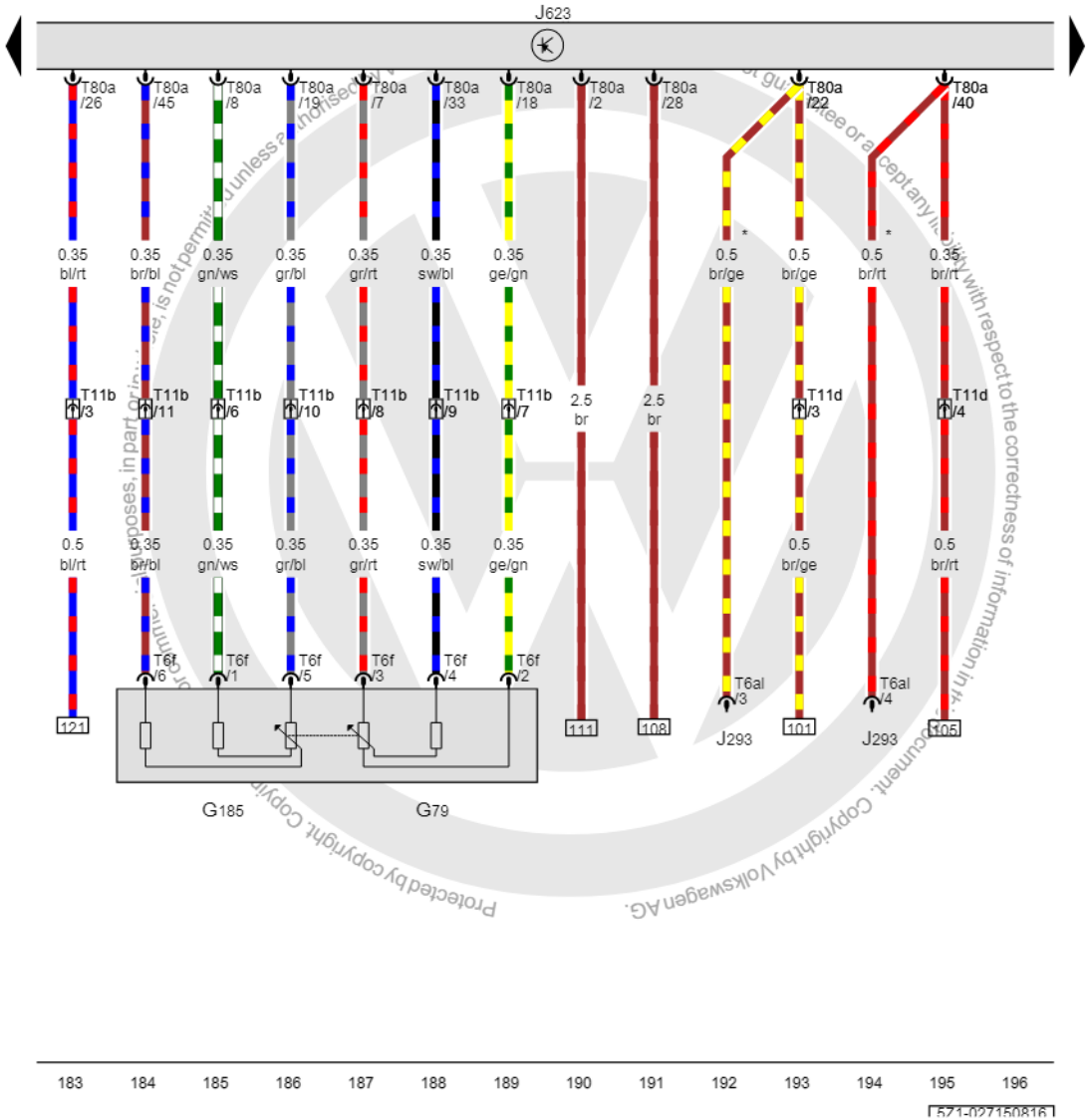
Knock sensor 1, Coolant temperature sender, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs, Right radiator fan

G61	Knock sensor 1
G62	Coolant temperature sender
J623	Engine control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plugs
T2i	2-pin connector
T2z	2-pin connector
T3m	3-pin connector
T4a	4-pin connector
T80a	80-pin connector
V35	Right radiator fan
671	Earth point 1, on front of left longitudinal member
E52	Connection (screening), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

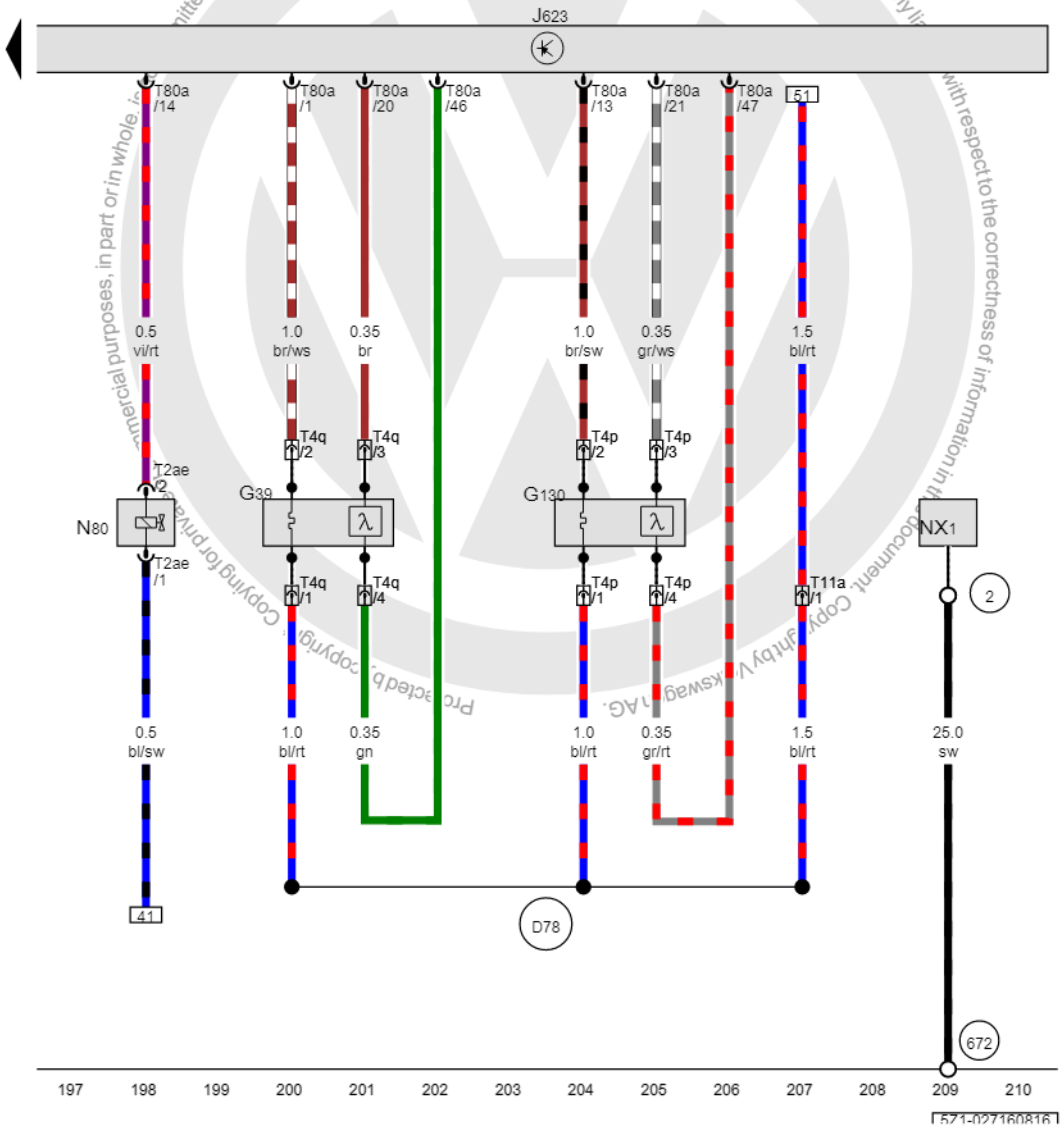
Accelerator position sender, Accelerator position sender 2, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J293	Radiator fan control unit
J623	Engine control unit
T6al	6-pin connector
T6f	6-pin connector
T11b	11-pin connector, on left in plenum chamber
T11d	11-pin connector, on left in plenum chamber
T80a	80-pin connector
*	Only models with Climatic



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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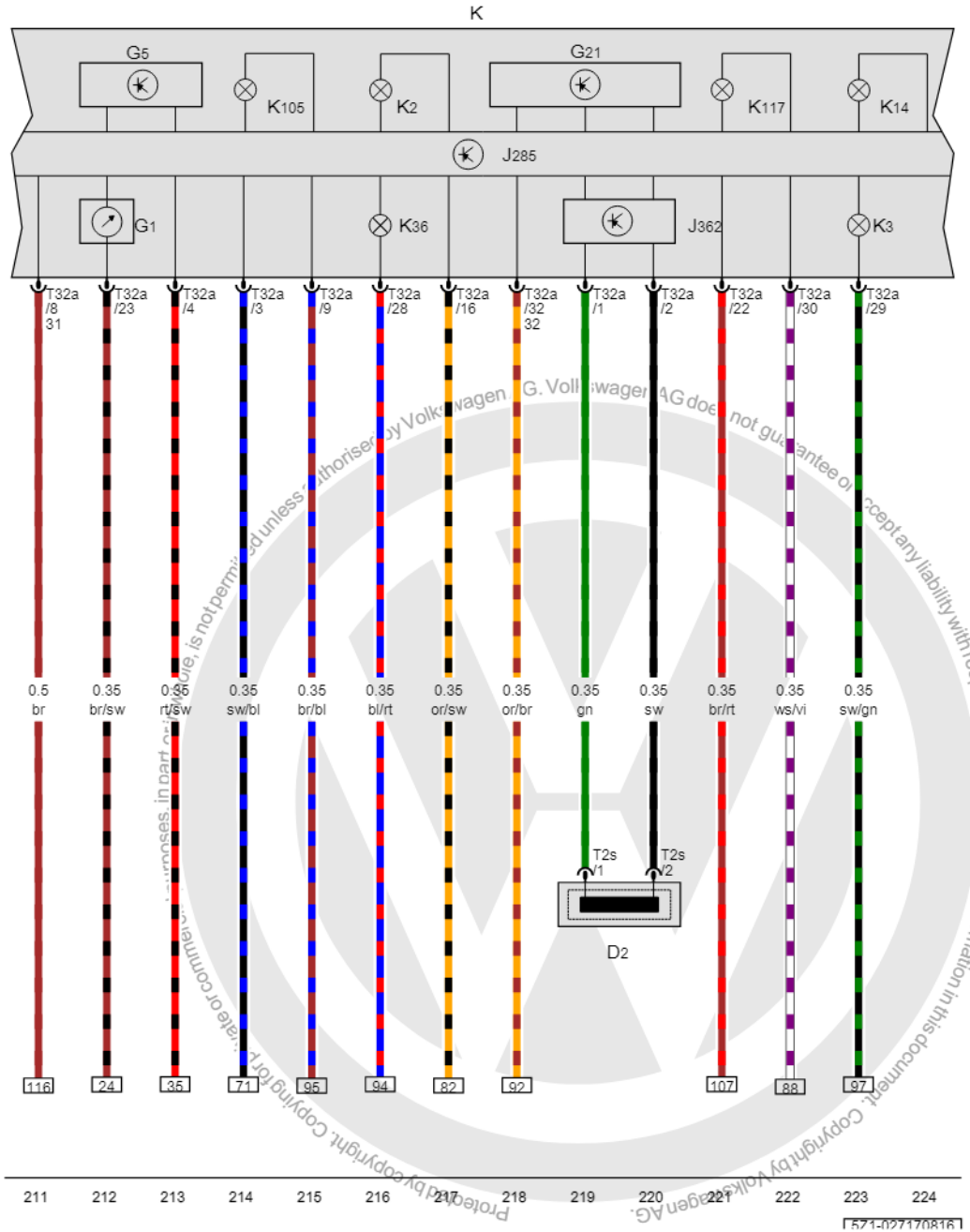


Lambda probe, Lambda probe after catalytic converter, Engine control unit, Gearbox, Activated charcoal filter solenoid valve 1

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
NX1	Gearbox
N80	Activated charcoal filter solenoid valve 1
T2ae	2-pin connector
T4p	4-pin connector
T4q	4-pin connector
T11a	11-pin connector, on left in plenum chamber
T80a	80-pin connector
2	Earth strap, gearbox - body
672	Earth point 2, on front of left longitudinal member
D78	Positive connection 1 (30a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuel gauge, Rev. counter, Immobiliser control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Handbrake warning lamp, Coolant shortage warning lamp, Reserve fuel warning lamp, Immobiliser warning lamp

D2	Immobiliser reader coil
G1	Fuel gauge
G5	Rev. counter
G21	Speedometer
J285	Control unit in dash panel insert
J362	Immobiliser control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K14	Handbrake warning lamp
K36	Coolant shortage warning lamp
K105	Reserve fuel warning lamp
K117	Immobiliser warning lamp
T2s	2-pin connector
T32a	32-pin connector

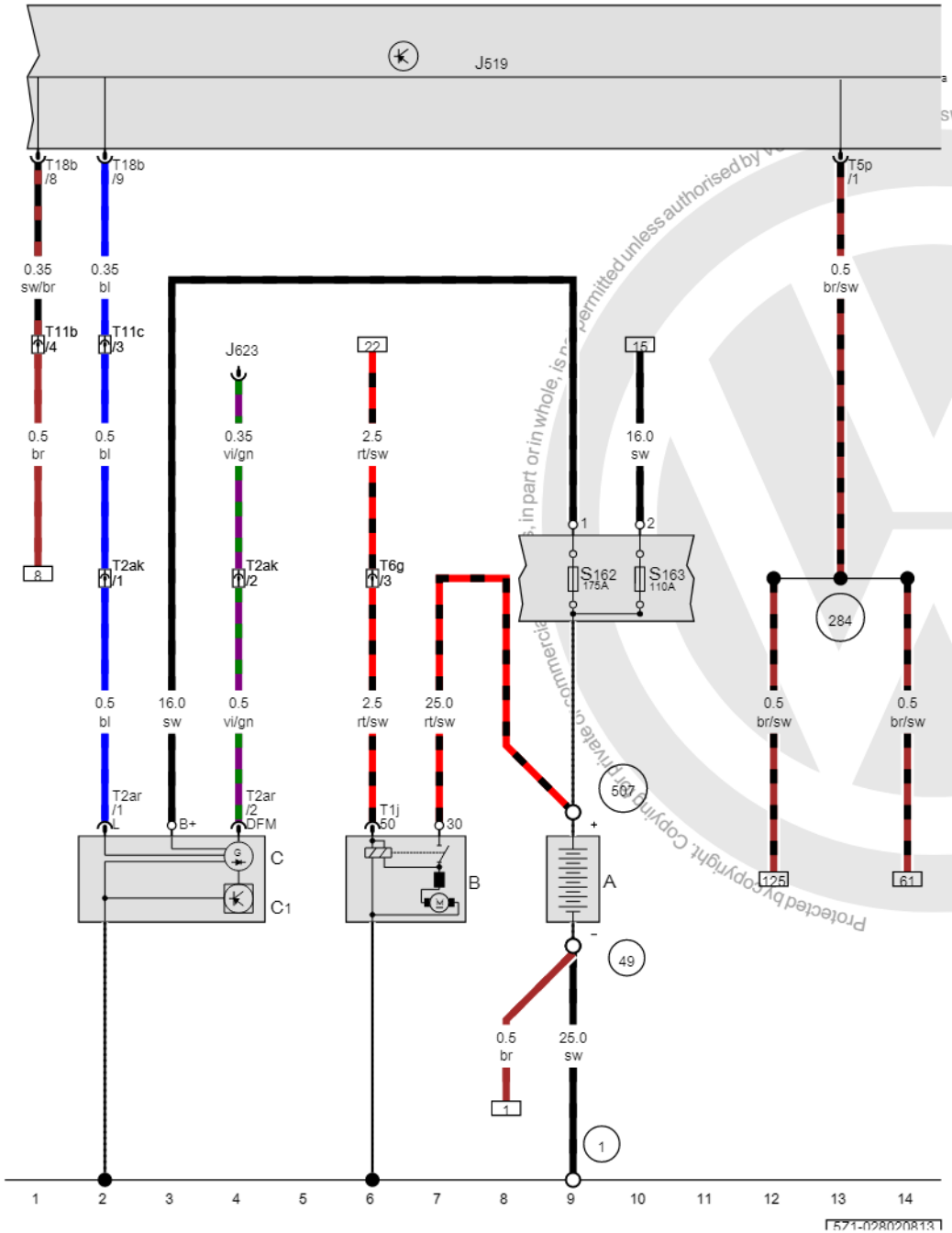
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ge	=	yellow
or	=	orange
rs	=	pink

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Convenience system , (F6G)

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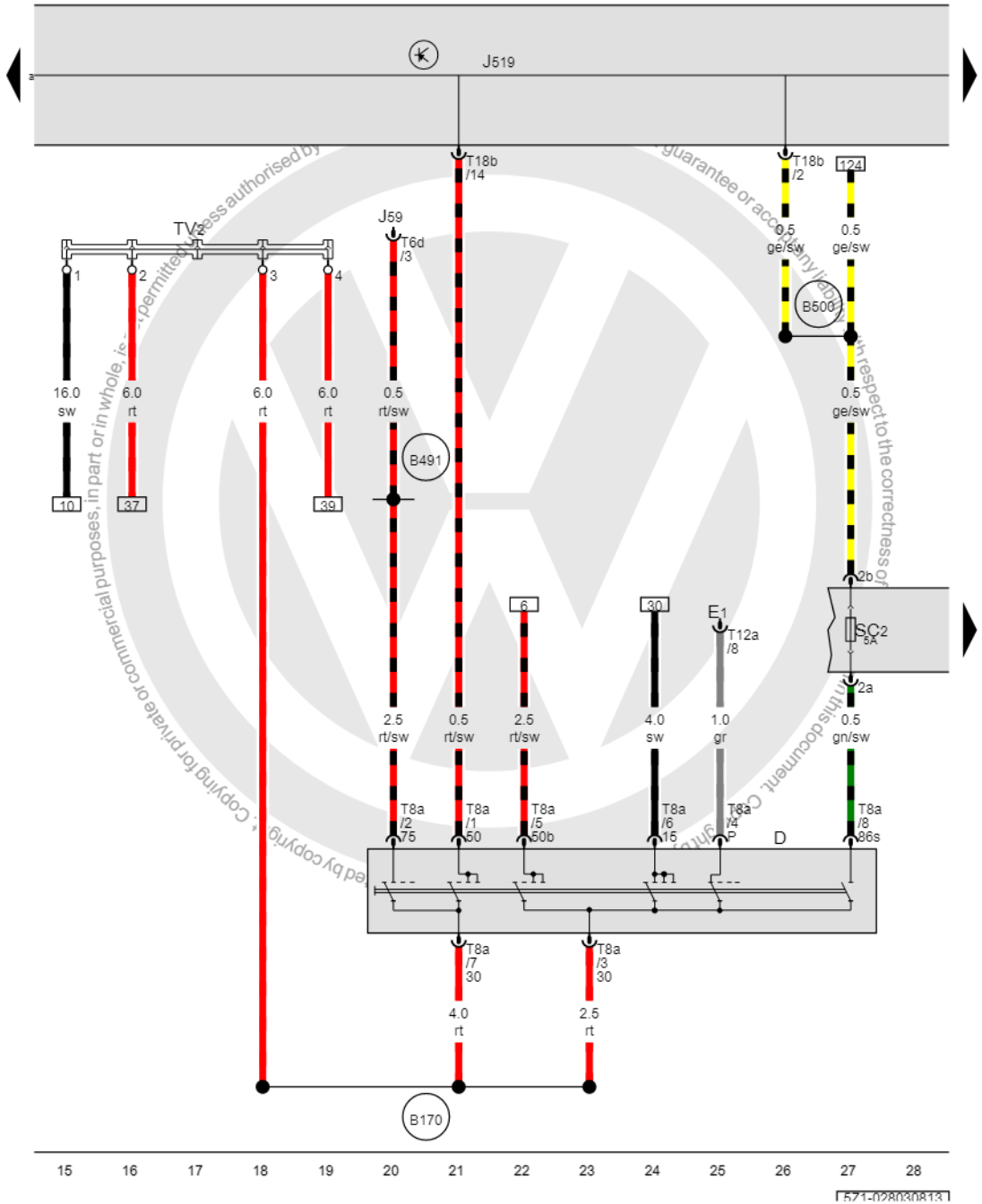


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T5p	5-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
284	Earth connection 6, in interior wiring harness
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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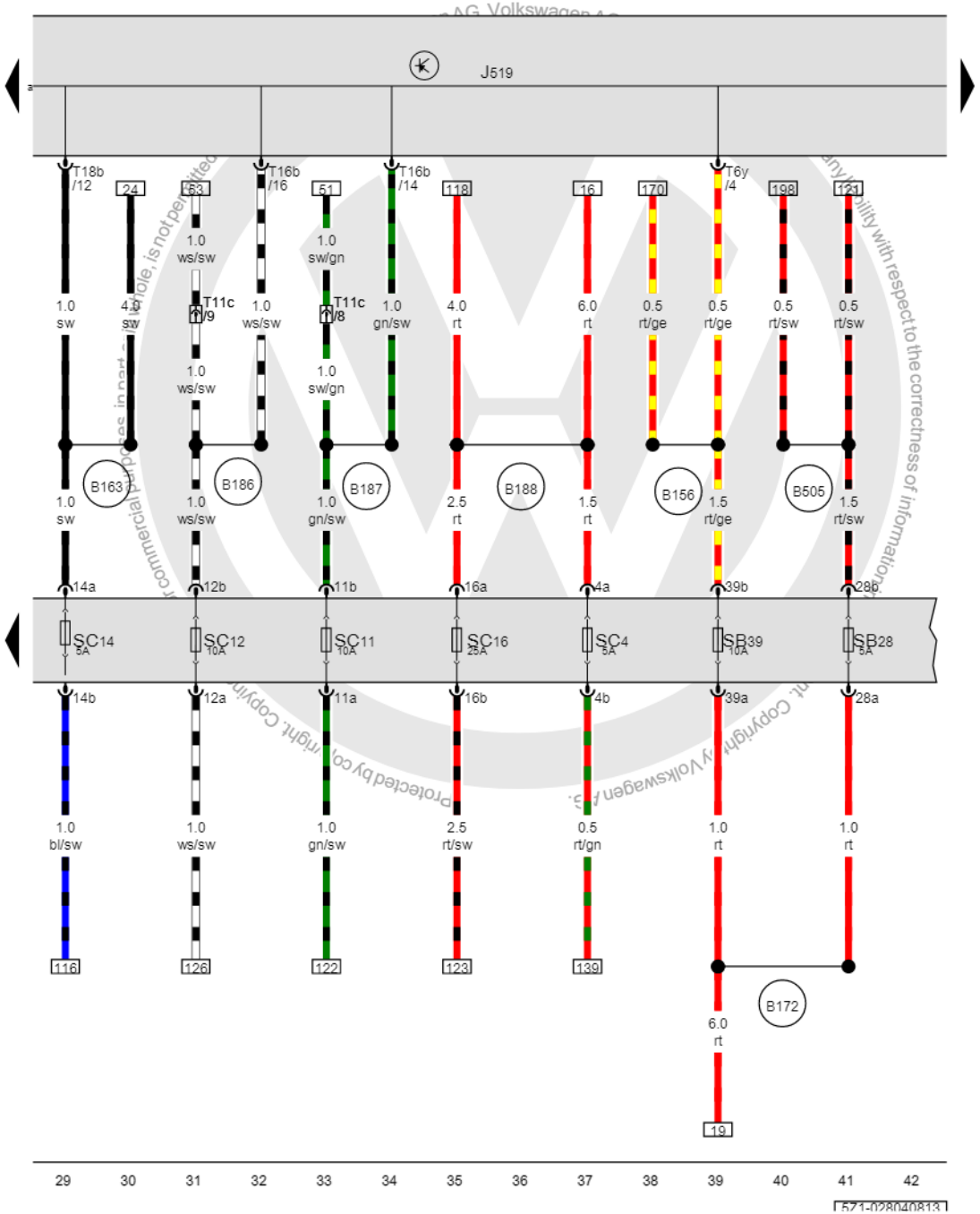


Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector
T8a	8-pin connector
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

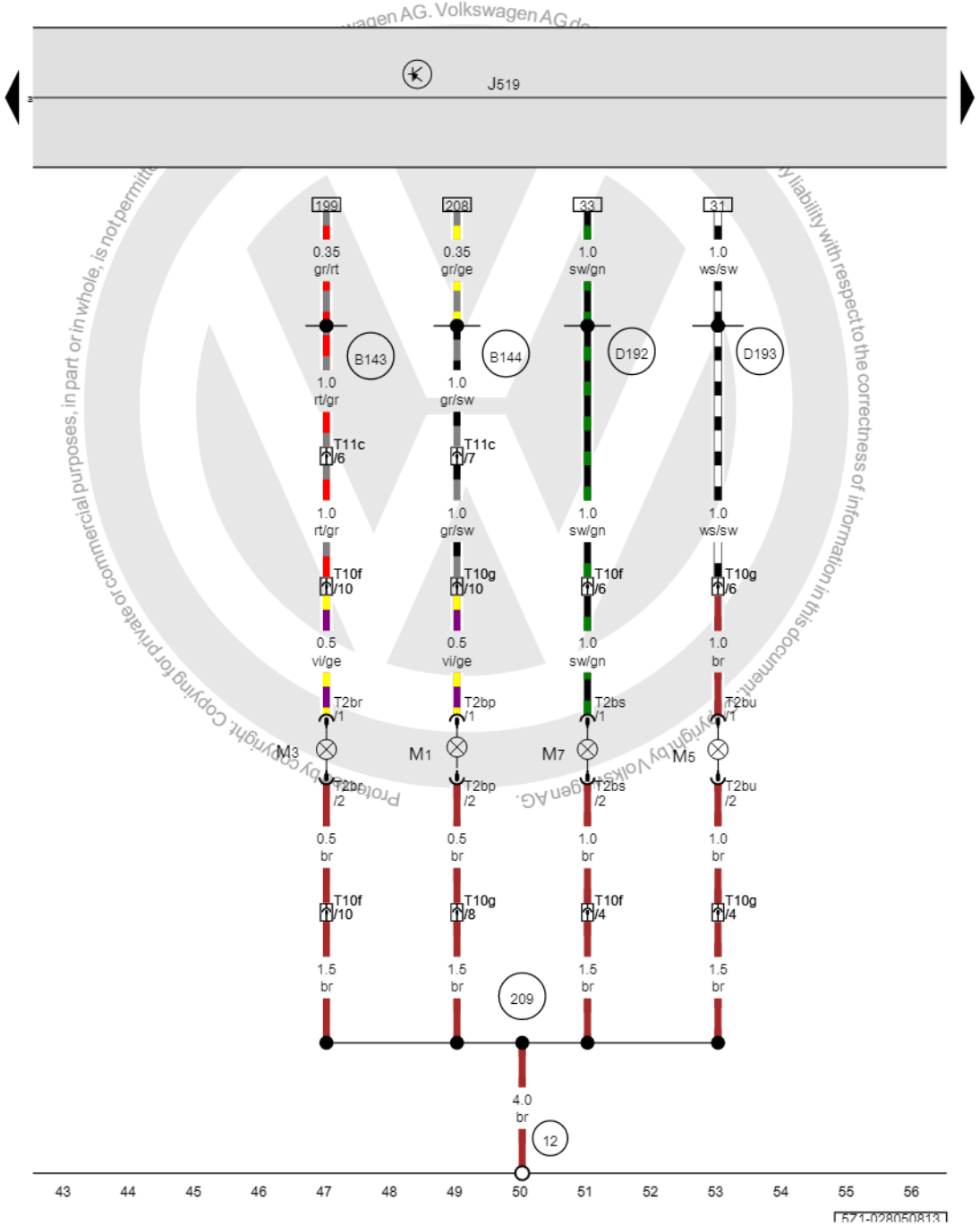
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Onboard supply control unit

J519	Onboard supply control unit
SC4	Fuse 4 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC16	Fuse 16 on fuse holder C
SB28	Fuse 28 on fuse holder B
SB39	Fuse 39 on fuse holder B
T6y	6-pin connector
T11c	11-pin connector, on left in plenum chamber
T16b	16-pin connector
T18b	18-pin connector
B156	Positive connection (30a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B505	Positive connection 9 (30a), in interior wiring harness

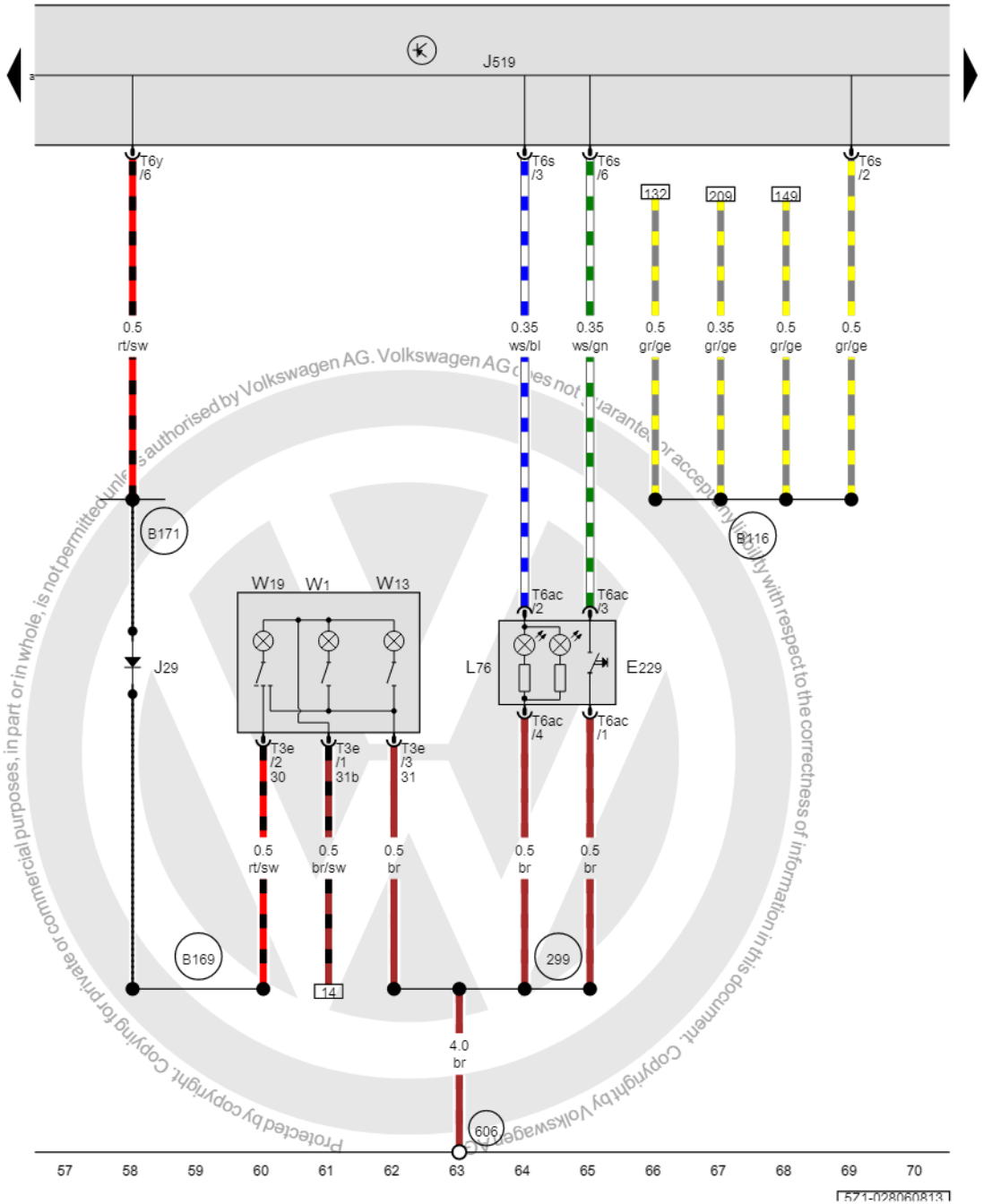
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb

J519	Onboard supply control unit
M1	Left side light bulb
M3	Right side light bulb
M5	Front left turn signal bulb
M7	Front right turn signal bulb
T2bp	2-pin connector
T2br	2-pin connector
T2bs	2-pin connector
T2bu	2-pin connector
T10f	10-pin connector, front right in engine compartment
T10g	10-pin connector, front left in engine compartment
T11c	11-pin connector, on left in plenum chamber
12	Earth point, on left in engine compartment
209	Earth connection 6, in engine compartment wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
D192	Connection 1 (RTS), in engine compartment wiring harness
D193	Connection 1 (LTS), in engine compartment wiring harness



Hazard warning lights button, Blocking diode, Onboard supply control unit, Button illumination bulb, Front interior light, Front passenger reading light, Driver side reading light

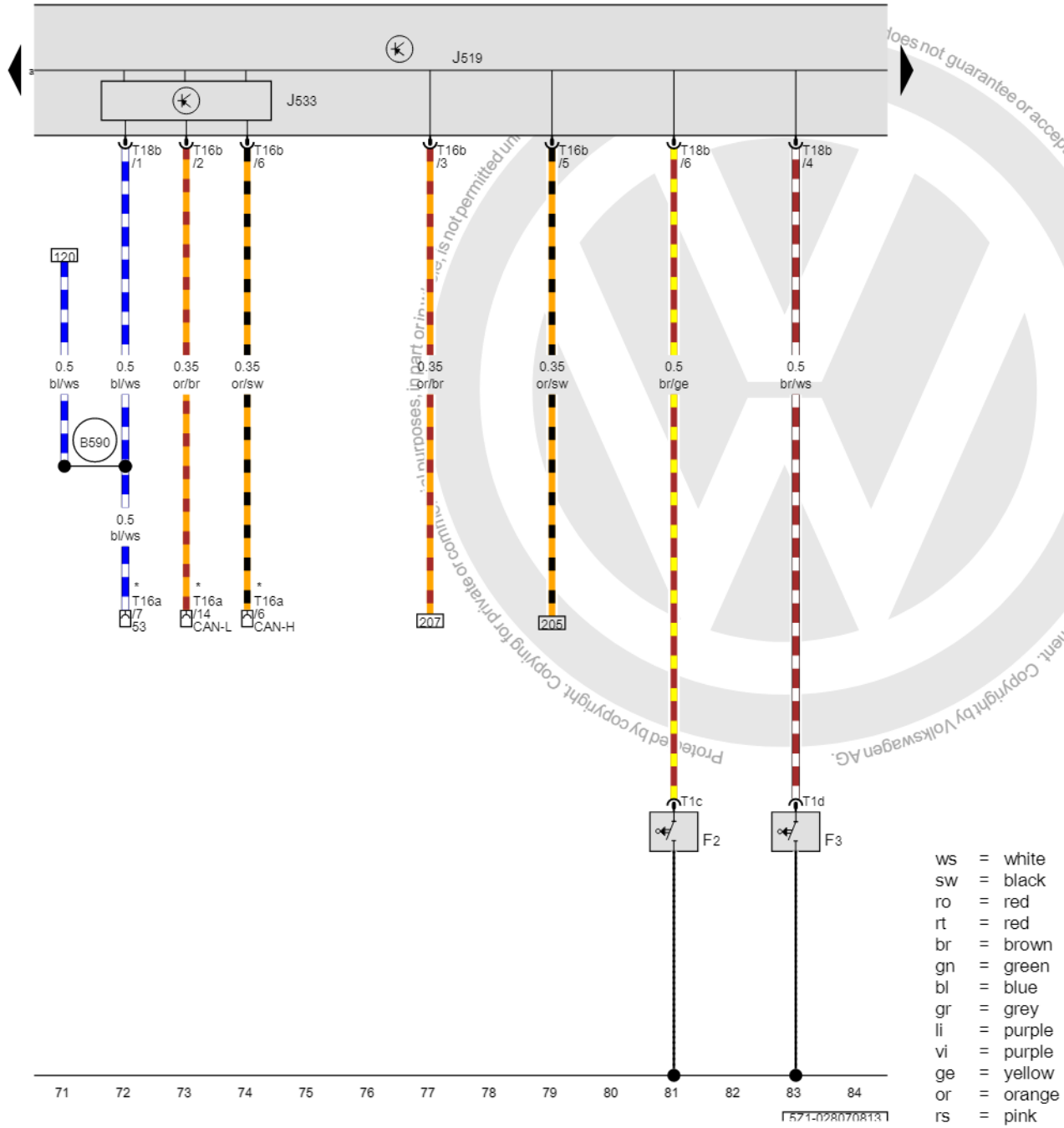
E229	Hazard warning lights button
J29	Blocking diode
J519	Onboard supply control unit
L76	Button illumination bulb
T3e	3-pin connector
T6ac	6-pin connector
T6s	6-pin connector
T6y	6-pin connector
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
299	Earth connection 14, in interior wiring harness
606	Earth point, under the centre console near gear stick
B116	Connection (58d), in interior wiring harness
B169	Positive connection 1 (30), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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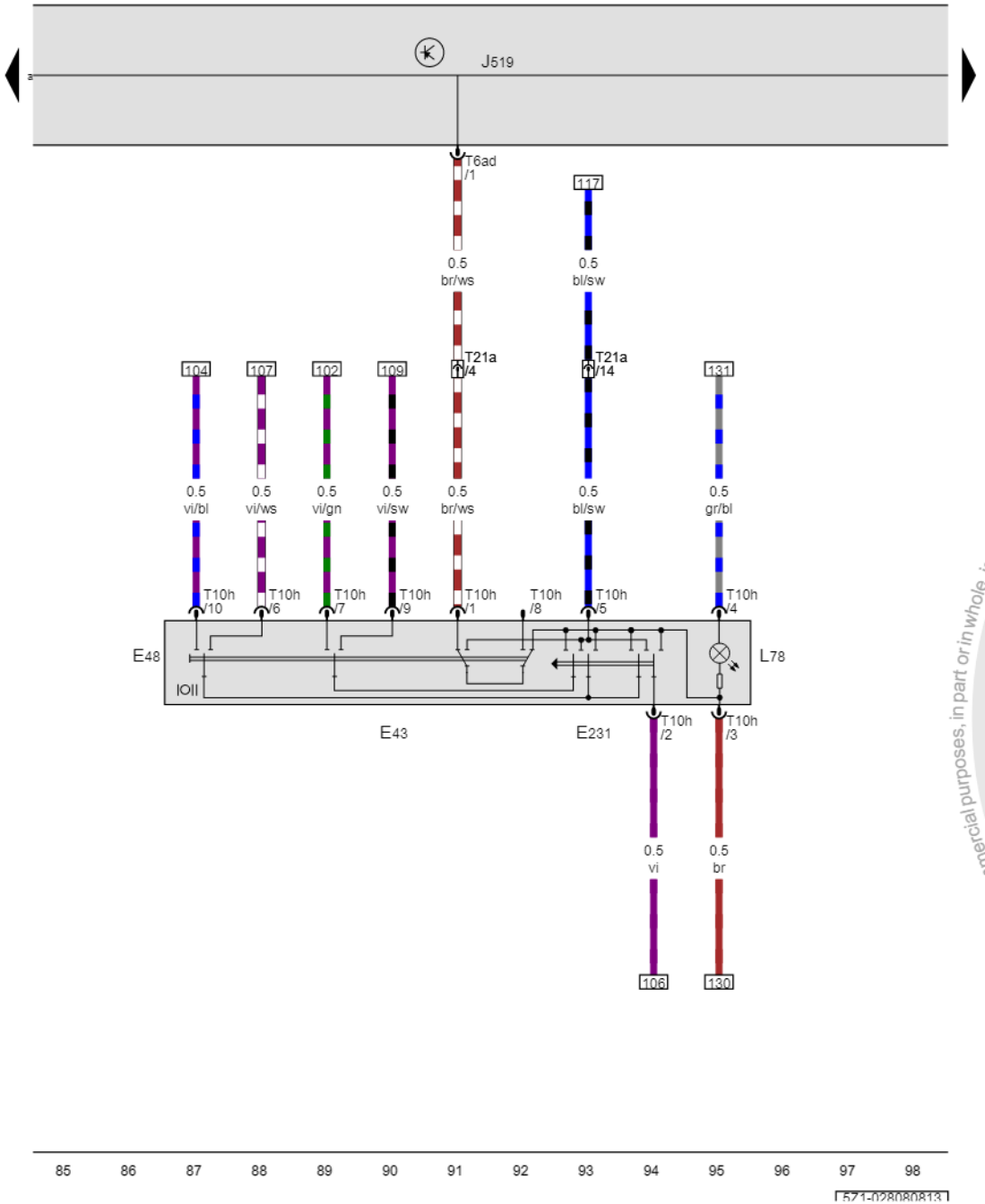
Driver door contact switch, Front passenger door contact switch, Onboard supply control unit, Data bus diagnostic interface

F2	Driver door contact switch
F3	Front passenger door contact switch
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T1c	Single connector
T1d	Single connector
T16a	16-pin connector
T16b	16-pin connector
T18b	18-pin connector
B590	K-diagnosis wire connection, in interior wiring harness
	Diagnostic connection



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
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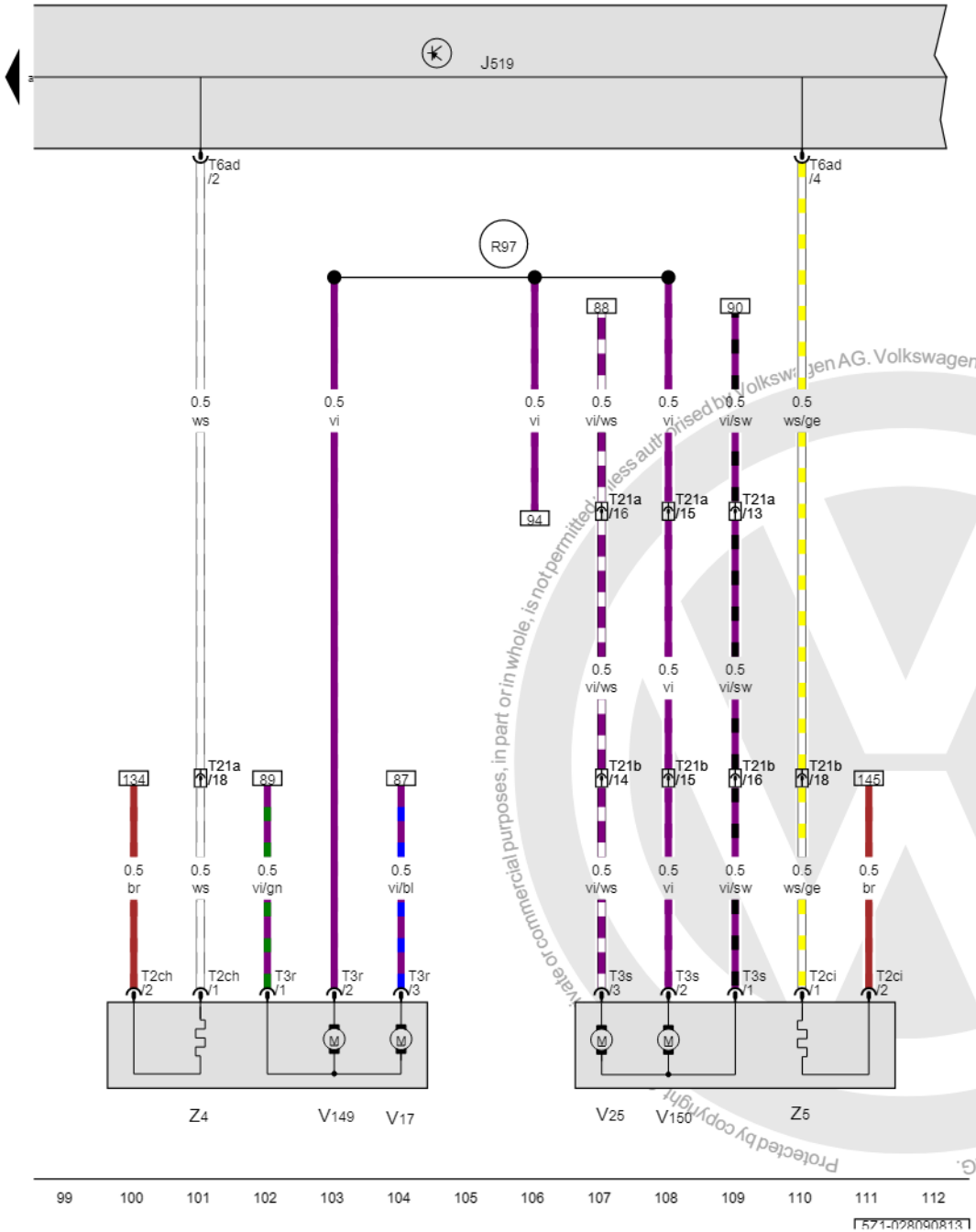


Mirror adjustment switch, Mirror adjustment changeover switch, Exterior mirror heater button, Onboard supply control unit, Mirror adjustment switch illumination bulb

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E231	Exterior mirror heater button
J519	Onboard supply control unit
L78	Mirror adjustment switch illumination bulb
T6ad	6-pin connector
T10h	10-pin connector
T21a	21-pin connector, in front left door

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rs	=	pink



Onboard supply control unit, Driver side mirror adjustment motor, Front passenger side mirror adjustment motor, Driver side mirror adjustment motor, Front passenger side mirror adjustment motor, Front passenger side mirror adjustment motor

J519	Onboard supply control unit
T2ch	2-pin connector
T2ci	2-pin connector
T3r	3-pin connector
T3s	3-pin connector
T6ad	6-pin connector
T21a	21-pin connector, in front left door
T21b	21-pin connector, in front right door
V17	Driver side mirror adjustment motor
V25	Front passenger side mirror adjustment motor
V149	Driver side mirror adjustment motor
V150	Front passenger side mirror adjustment motor
Z4	Heated exterior mirror on driver side
Z5	Heated exterior mirror on front passenger side
R97	Connection 4 in driver side door wiring harness

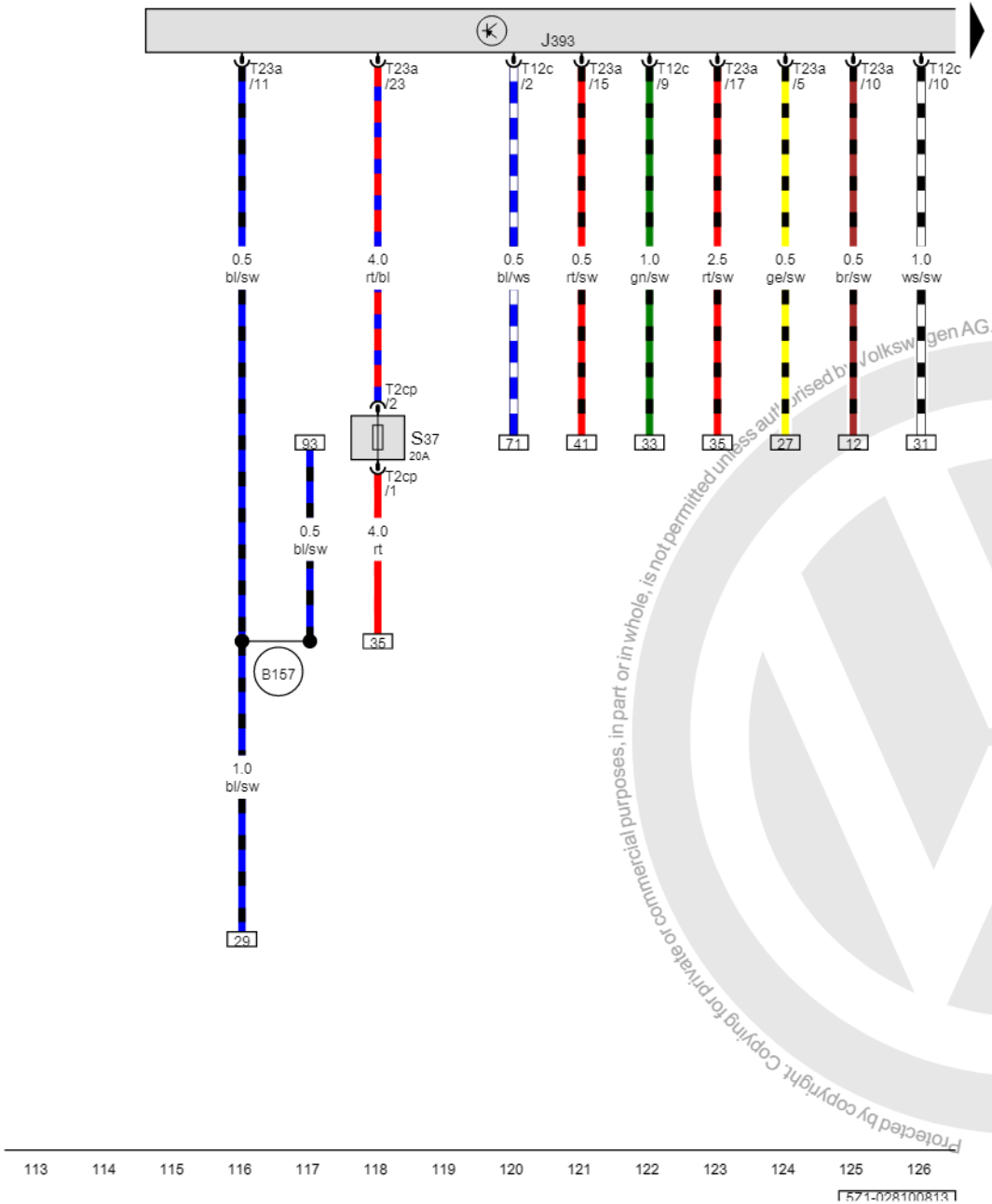
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Convenience system central control unit, Window regulator single fuse

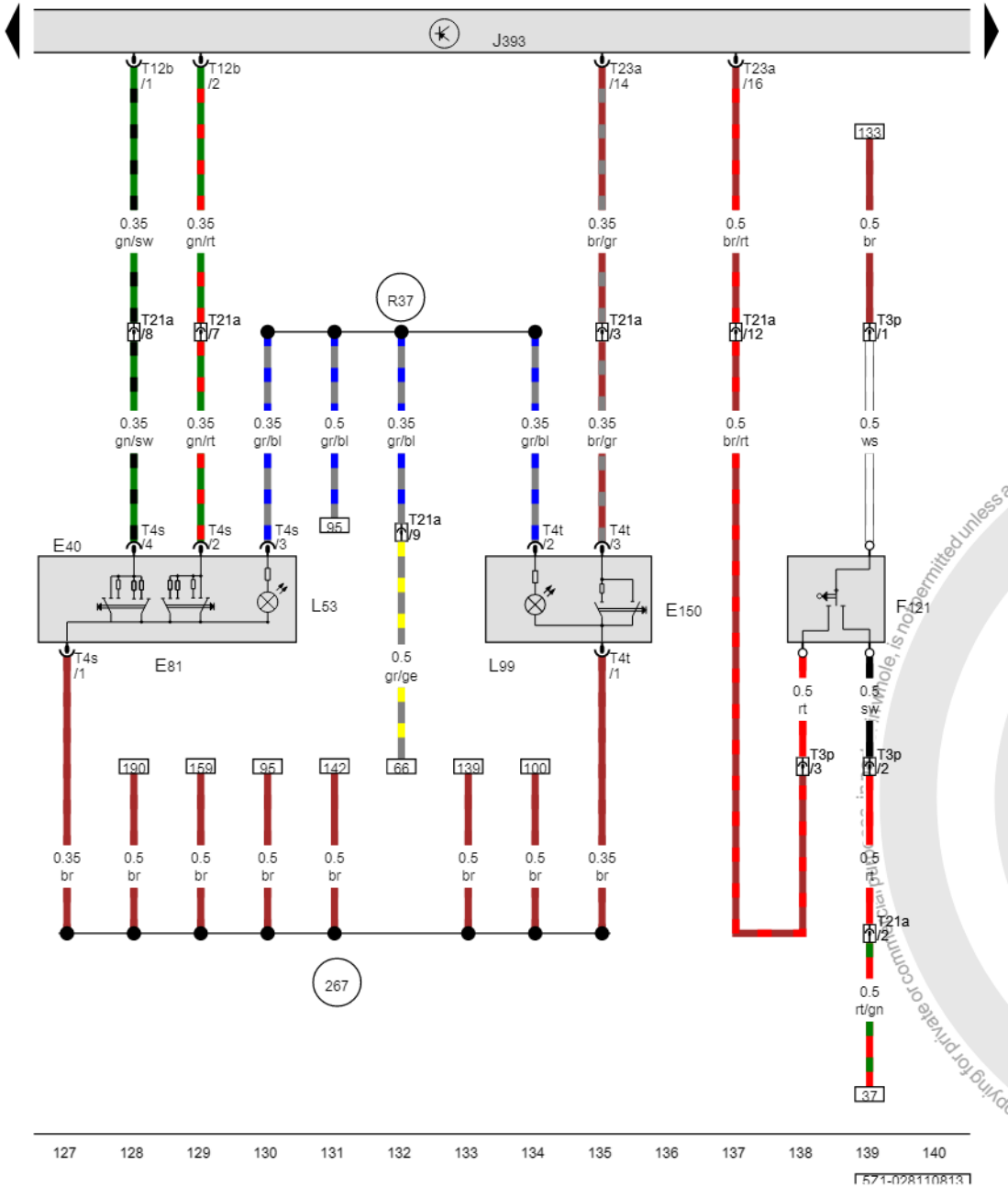
J393 Convenience system central control unit
S37 Window regulator single fuse
T2cp 2-pin connector
T12c 12-pin connector
T23a 23-pin connector

B157 Positive connection 3 (15a), in interior wiring harness



ws = white
sw = black
ro = red
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gn = green
bl = blue
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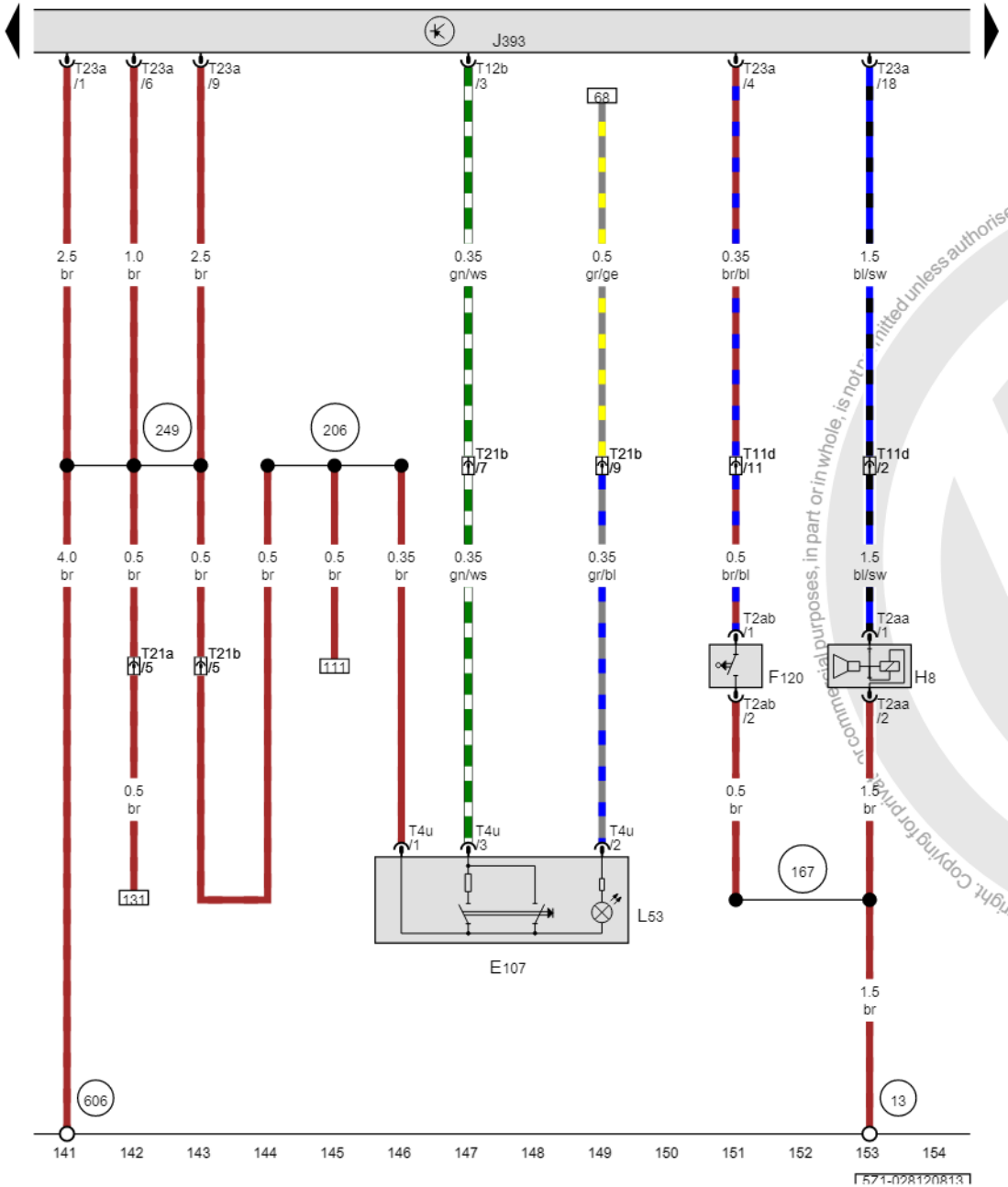


Front left window regulator switch, Front right window regulator switch in driver door, Driver side interior locking switch, Driver door exterior handle switch for anti-theft alarm system, Convenience system central control unit, Window regulator switch illumination bulb

E40	Front left window regulator switch
E81	Front right window regulator switch in driver door
E150	Driver side interior locking switch
F121	Driver door exterior handle switch for anti-theft alarm system
J393	Convenience system central control unit
L53	Window regulator switch illumination bulb
L99	Interior lock switch illumination bulb
T3p	3-pin connector, on exterior handle switch in driver door, for anti-theft alarm system
T4s	4-pin connector
T4t	4-pin connector
T12b	12-pin connector
T21a	21-pin connector, in front left door
T23a	23-pin connector
267	Earth connection 2, in drive side door wiring harness
R37	Connection 1 (window regulator), in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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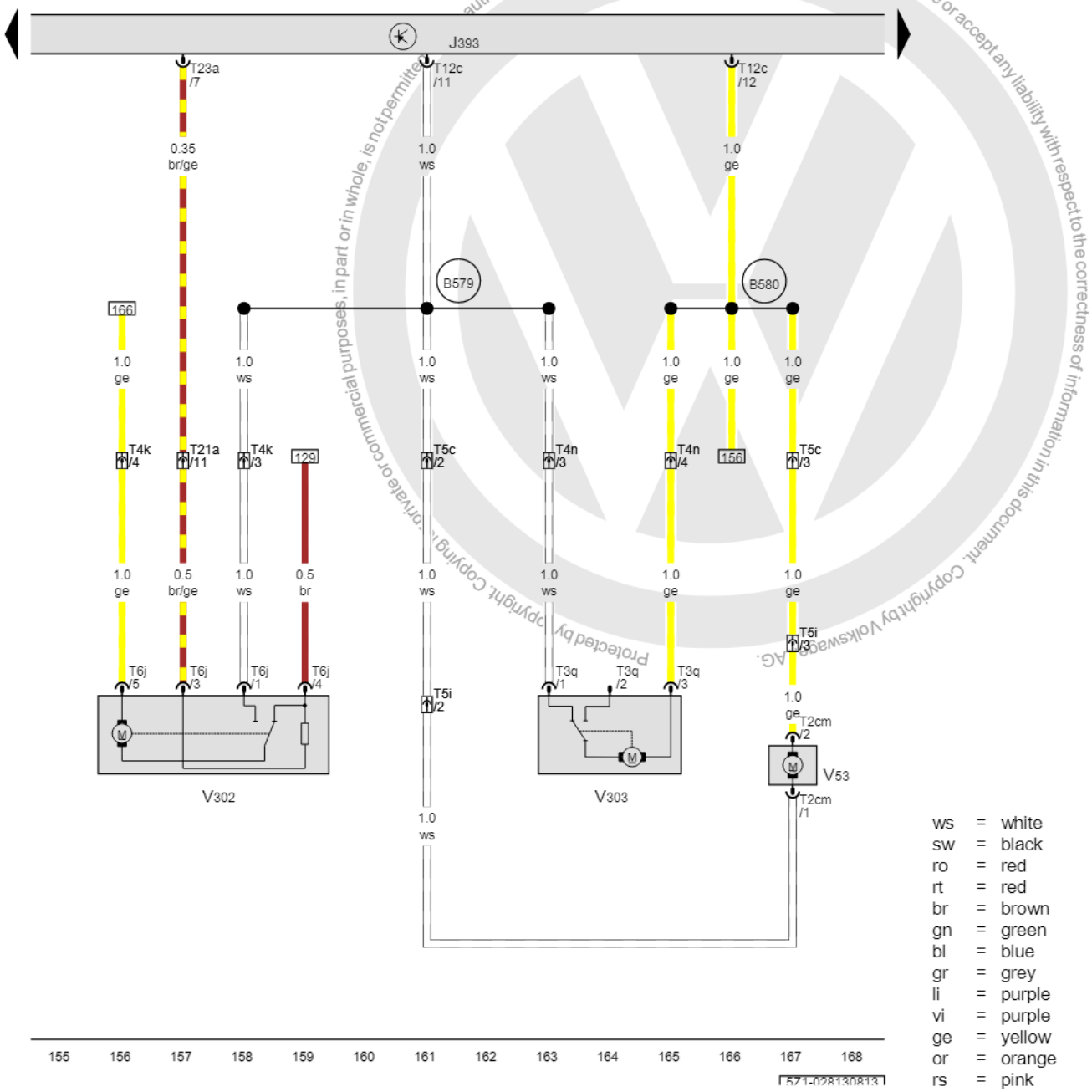


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Window regulator switch in front passenger door, Anti-theft alarm and vermin repellent system contact switch, Anti-theft alarm system horn, Convenience system central control unit, Window regulator switch illumination bulb

E107	Window regulator switch in front passenger door
F120	Anti-theft alarm and vermin repellent system contact switch
H8	Anti-theft alarm system horn
J393	Convenience system central control unit
L53	Window regulator switch illumination bulb
T2aa	2-pin connector
T2ab	2-pin connector
T4u	4-pin connector
T11d	11-pin connector, on left in plenum chamber
T12b	12-pin connector
T21a	21-pin connector, in front left door
T21b	21-pin connector, in front right door
T23a	23-pin connector
13	Earth point, on right in engine compartment
167	Earth connection 4, in engine compartment wiring harness
206	Earth connection, in front passenger door wiring harness
249	Earth connection 2, in interior wiring harness
606	Earth point, under the centre console near gear stick

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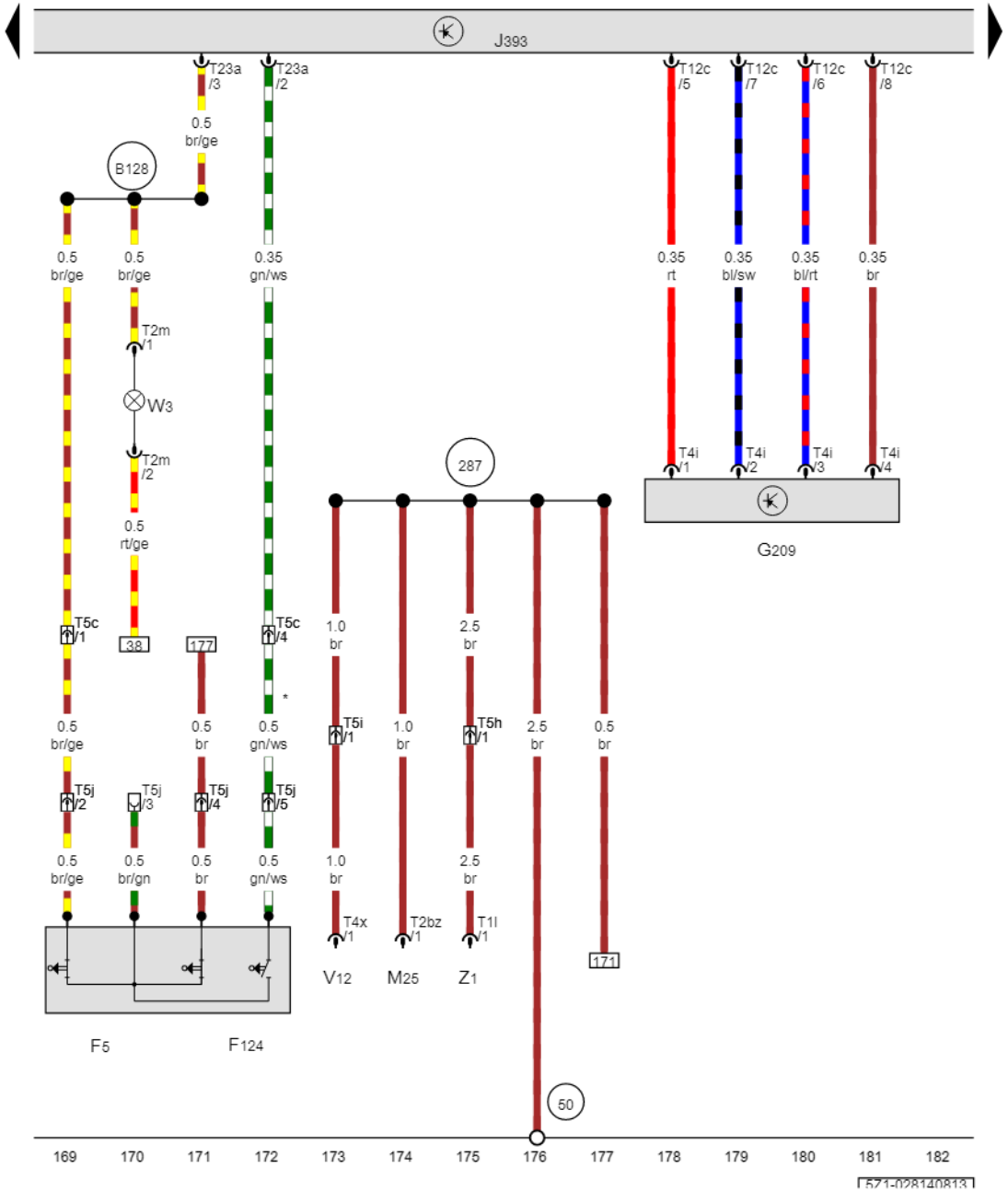


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gn = green
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Convenience system central control unit, Rear lid central locking motor, Driver door power latching motor, Front passenger door power latching motor

J393	Convenience system central control unit
T2cm	2-pin connector
T3q	3-pin connector
T4k	4-pin connector, in driver door
T4n	4-pin connector, in front passenger door
T5c	5-pin connector, behind rear left side trim, near wheel arch
T5i	5-pin connector, in rear lid
T6j	6-pin connector
T12c	12-pin connector
T21a	21-pin connector, in front left door
T23a	23-pin connector
V53	Rear lid central locking motor
V302	Driver door power latching motor
V303	Front passenger door power latching motor
B579	Connection for anti-theft alarm on, in interior wiring harness
B580	Connection for anti-theft alarm off, in interior wiring harness

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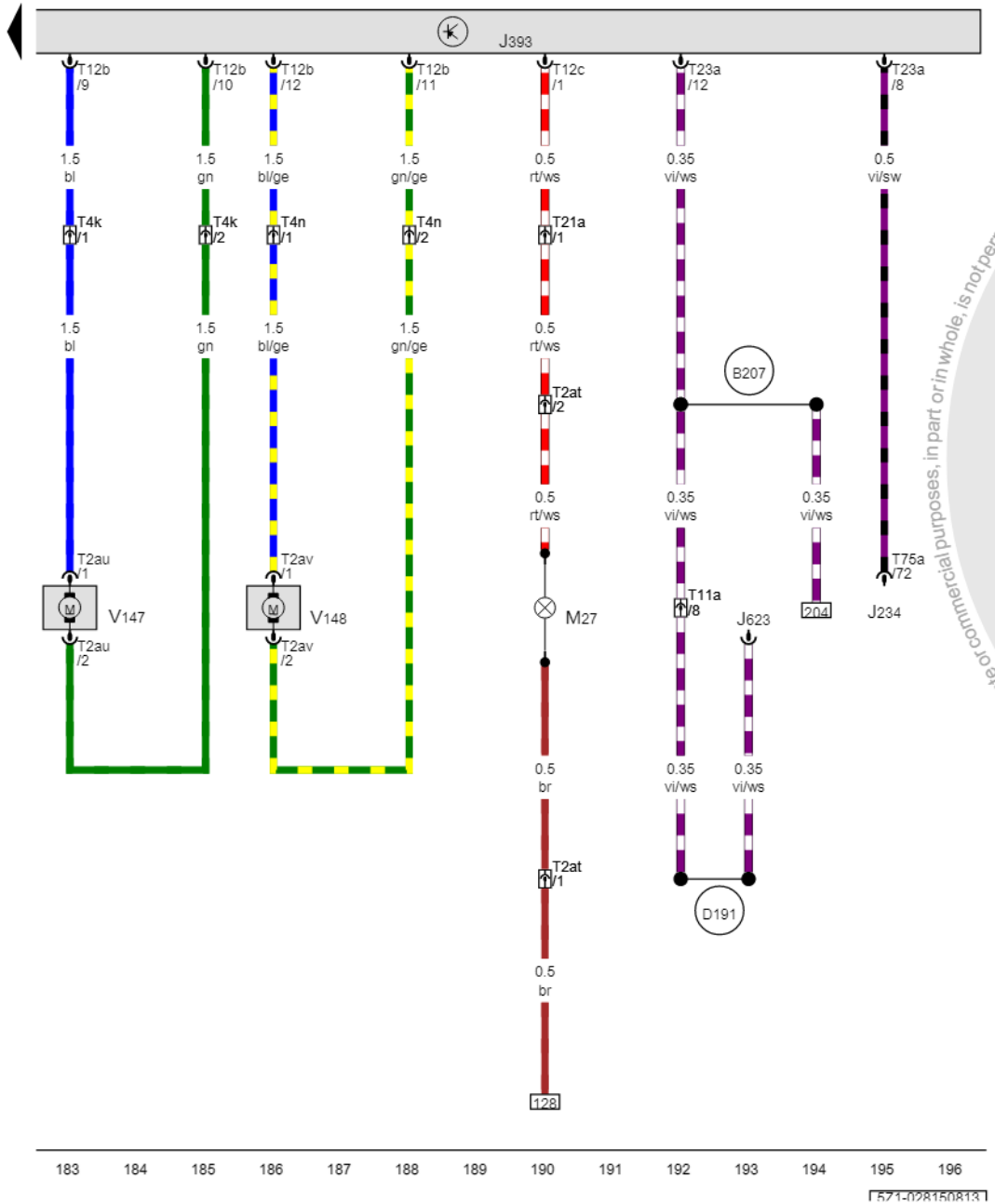
Luggage compartment light switch, Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system, Anti-theft alarm ultrasonic sensor, Convenience system central control unit, Luggage compartment light

F5	Luggage compartment light switch
F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
G209	Anti-theft alarm ultrasonic sensor
J393	Convenience system central control unit
M25	Additional brake light bulb
T1l	Single connector
T2bz	2-pin connector
T2m	2-pin connector
T4i	4-pin connector
T4x	4-pin connector
T5c	5-pin connector, behind rear left side trim, near wheel arch
T5h	5-pin connector, in rear lid
T5i	5-pin connector, in rear lid
T5j	5-pin connector, on luggage compartment light switch
T12c	12-pin connector
T23a	23-pin connector
V12	Rear window wiper motor
W3	Luggage compartment light
Z1	Heated rear window
50	Earth point, on left in luggage compartment
287	Earth connection, in rear lid feeder wiring harness
B128	Connection (luggage compartment light), in interior wiring harness
*	For models with anti-theft alarm system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Convenience system central control unit, Left door warning lamp, Driver side window regulator motor, Front passenger side window regulator motor

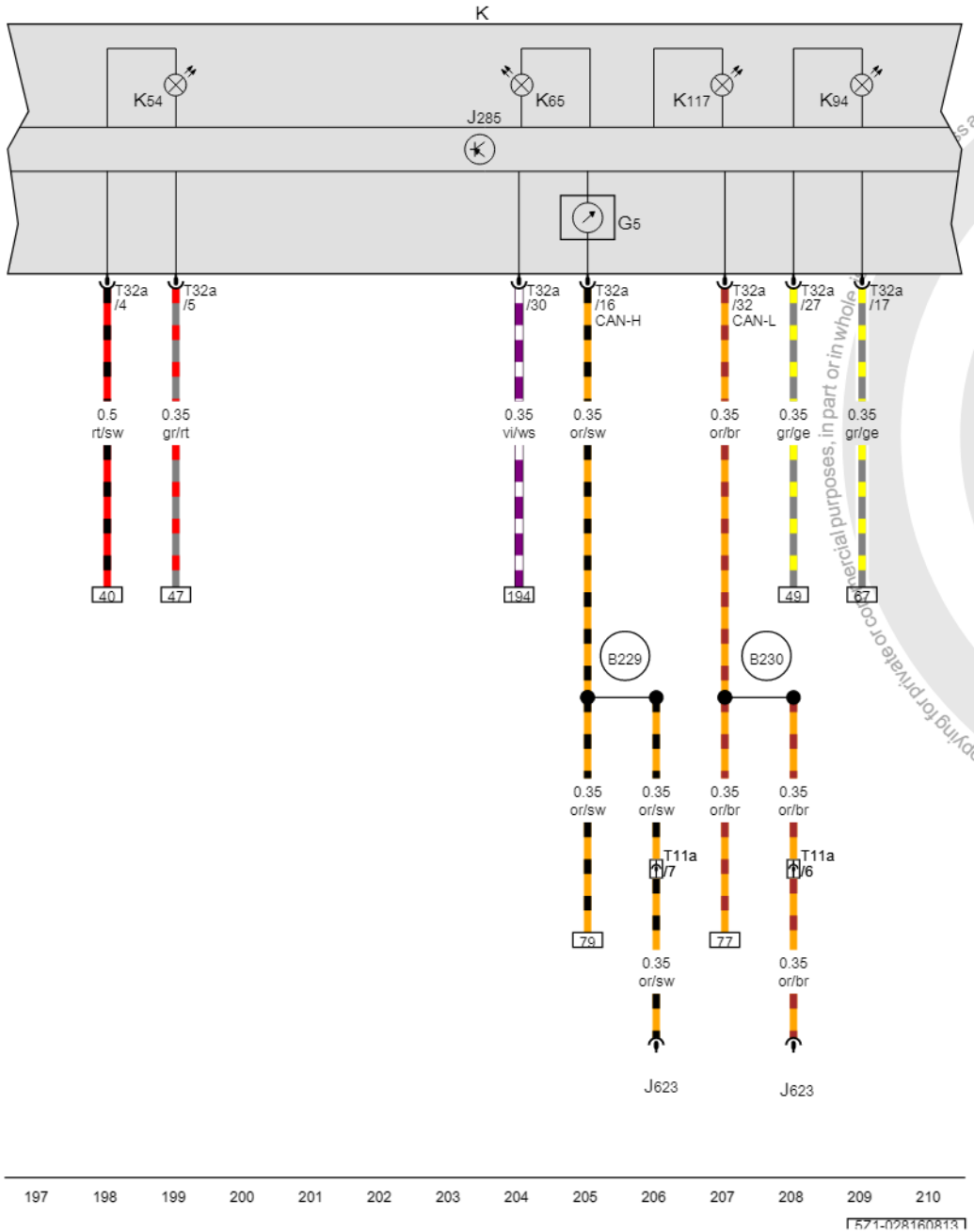


J234	Airbag control unit
J393	Convenience system central control unit
J623	Engine control unit
M27	Left door warning lamp
T2at	2-pin connector
T2au	2-pin connector
T2av	2-pin connector
T4k	4-pin connector, in driver door
T4n	4-pin connector, in front passenger door
T11a	11-pin connector, on left in plenum chamber
T12b	12-pin connector
T12c	12-pin connector
T21a	21-pin connector, in front left door
T23a	23-pin connector
T75a	75-pin connector
V147	Driver side window regulator motor
V148	Front passenger side window regulator motor
B207	Connection (convenience), in interior wiring harness
D191	Speed sender connection, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Rev. counter, Control unit in dash panel insert, Dash panel insert, Battery charge condition warning lamp: red LED for less than 12 Volt, Left turn signal warning lamp, Right turn signal warning lamp, Immobiliser warning lamp



G5	Rev. counter
J285	Control unit in dash panel insert
J623	Engine control unit
K	Dash panel insert
K54	Battery charge condition warning lamp: red LED for less than 12 Volt
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K117	Immobiliser warning lamp
T11a	11-pin connector, on left in plenum chamber
T32a	32-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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1.2 l - Simos 3PG - 40 kW, engine code BMD (Europe)

from November 2004, up to June 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

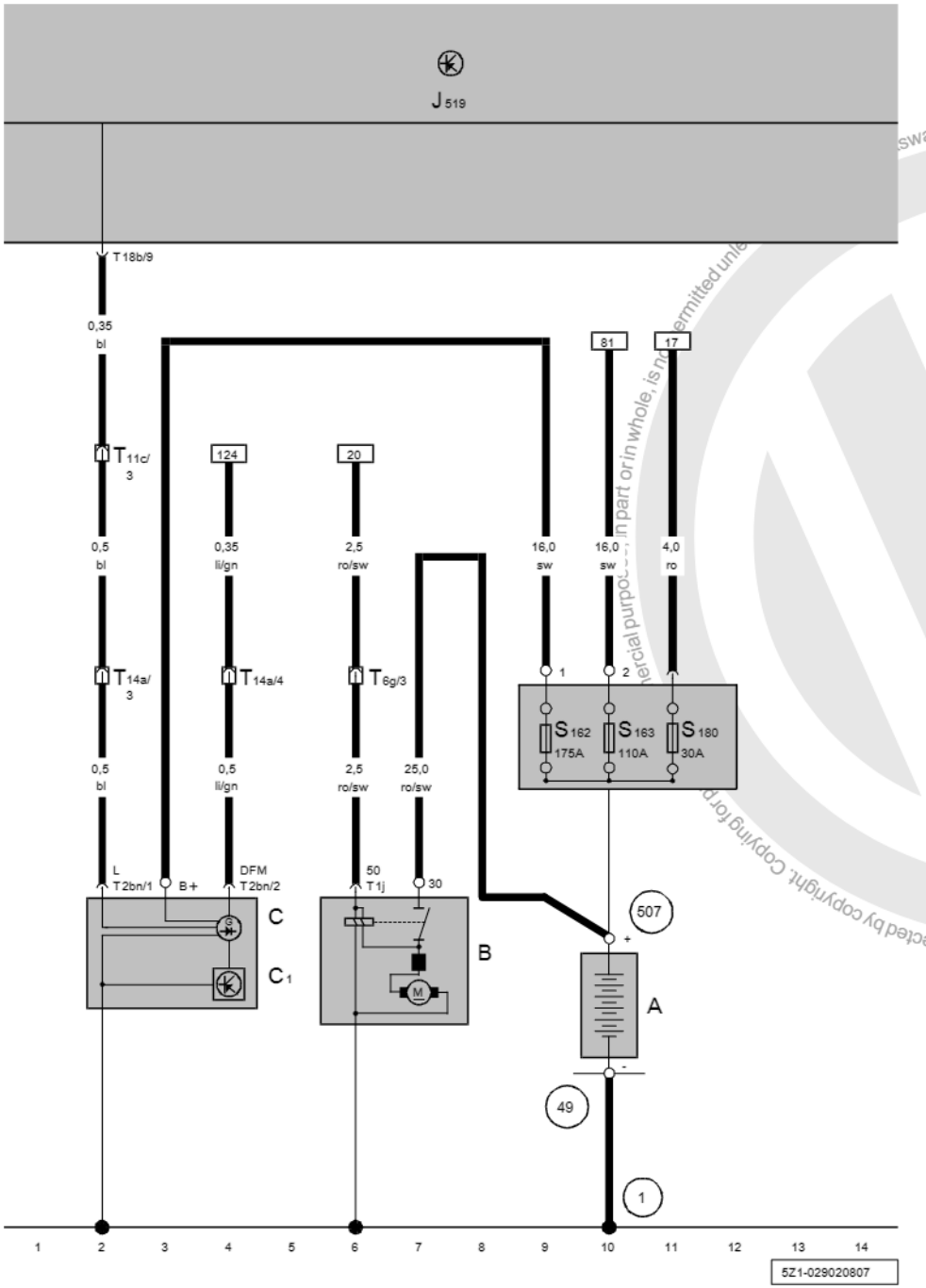
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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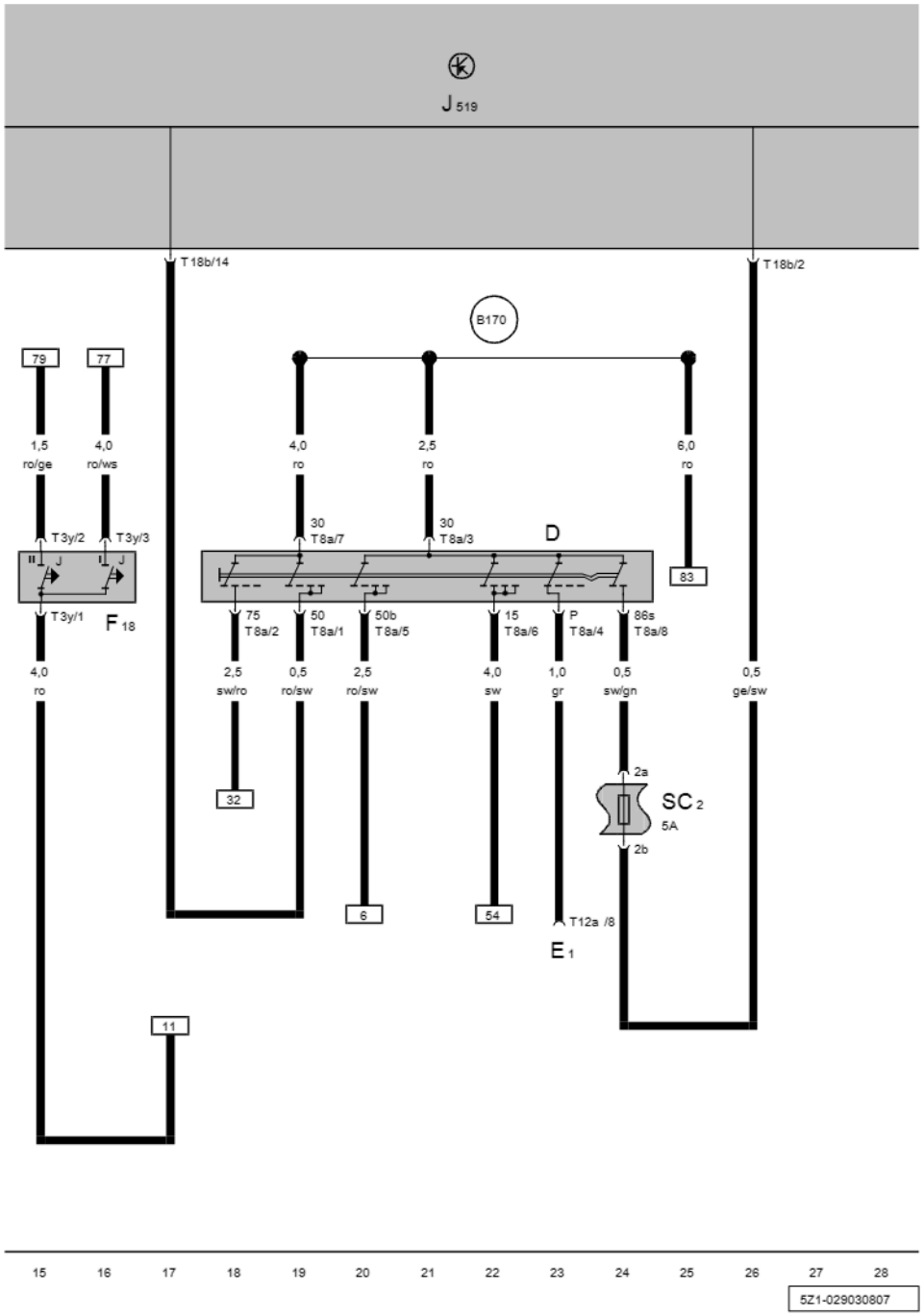


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2bn	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T14a	14-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

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sw	=	black
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rt	=	red
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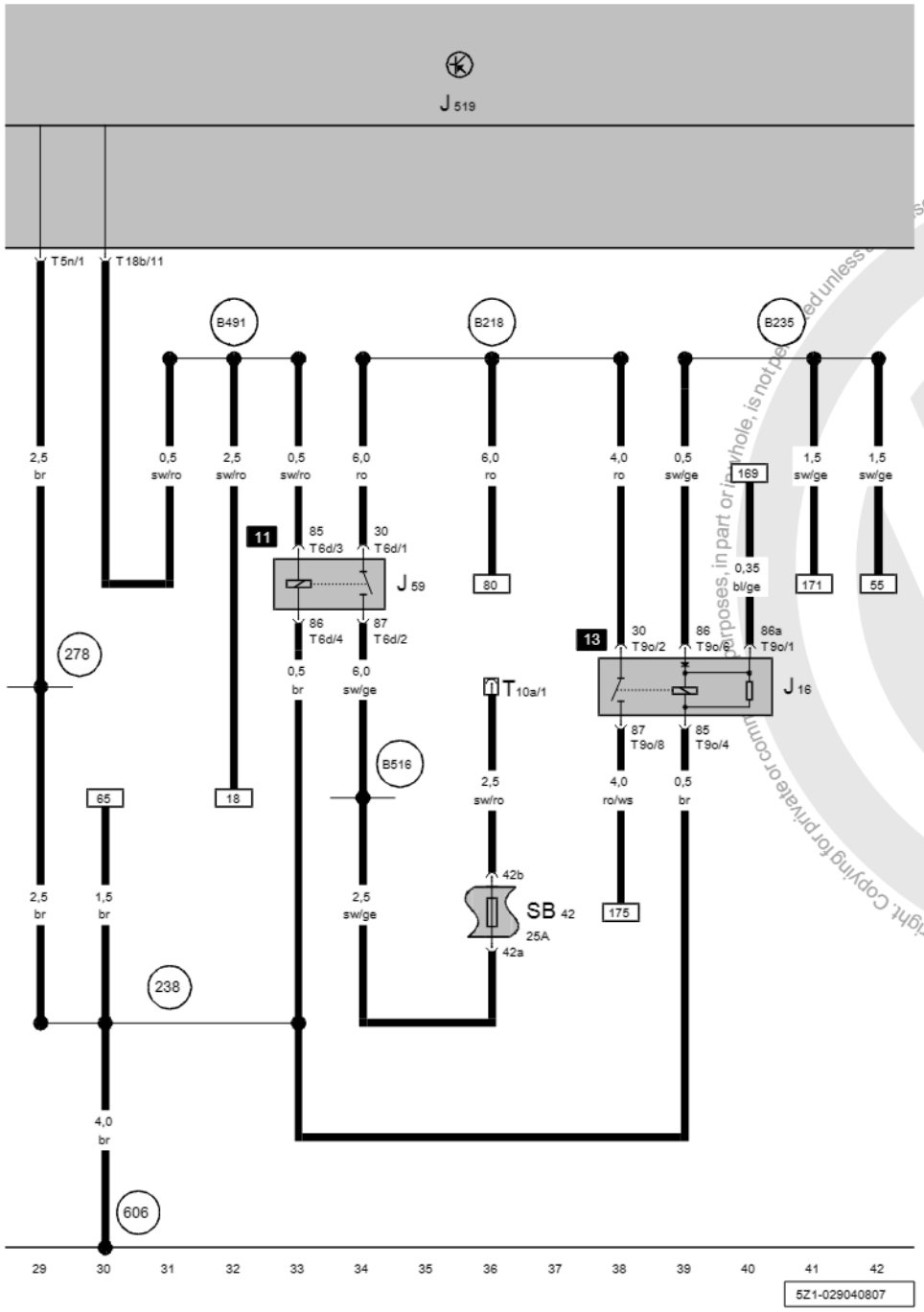


Ignition/starter switch, radiator fan thermal switch, onboard supply control unit

D	Ignition/starter switch
E1	Light switch
F18	Radiator fan thermal switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T3y	3-pin connector, on radiator fan thermal switch
T8a	8-connector, on ignition/starter switch
T12a	12-pin connector, on light switch
T18b	18-pin connector, on onboard supply control unit
B170	Positive connection 2 (30), in interior wiring harness

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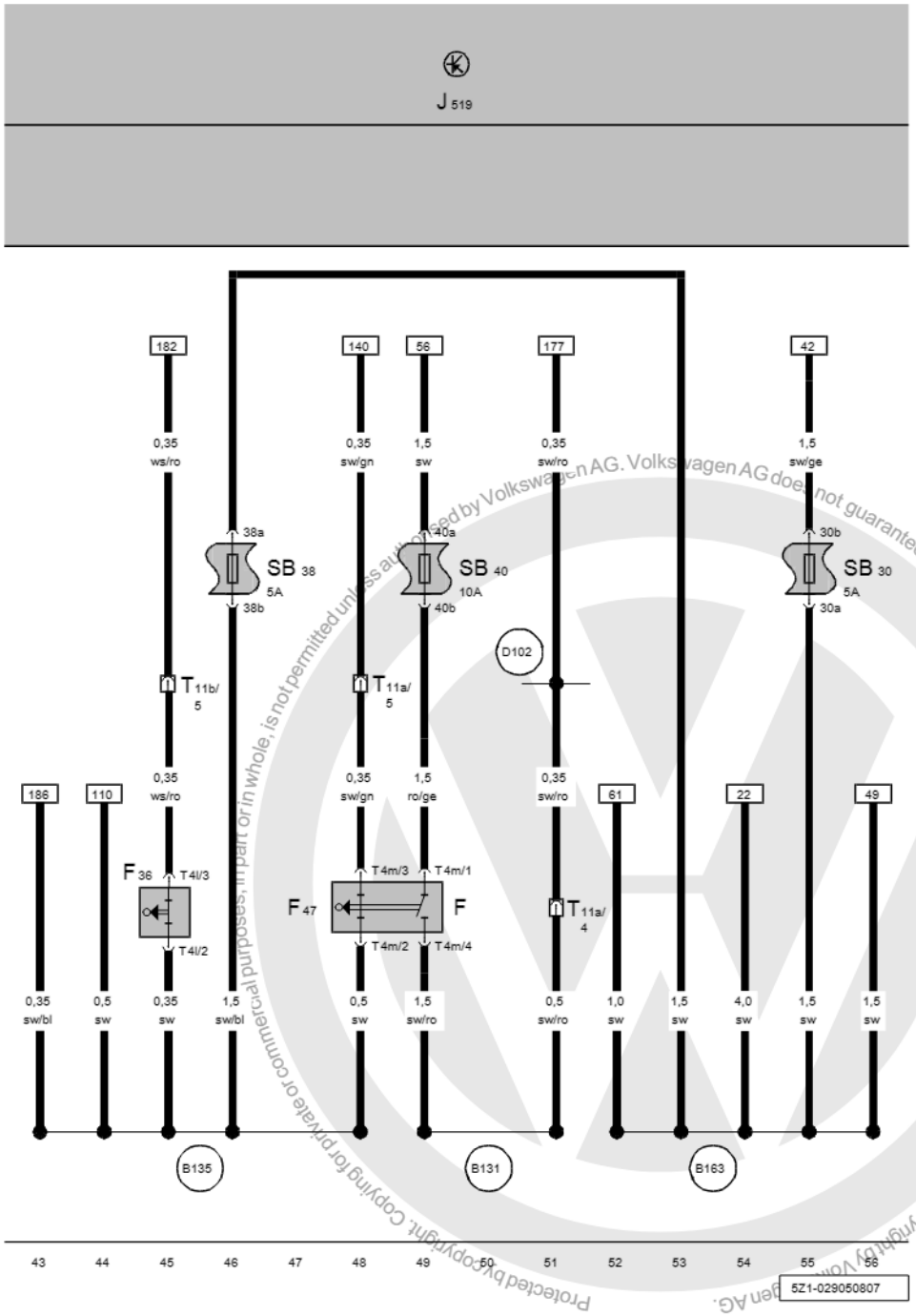


Current supply relay, X-contact relief relay, onboard supply control unit

J16	Current supply relay
J59	X-contact relief relay
J519	Onboard supply control unit
SB42	Fuse 42 on fuse holder B
T5n	5-pin connector, on onboard supply control unit
T6d	6-pin connector, on X-contact relief relay
T9o	9-pin connector, on current supply relay
T10a	10-pin connector, behind centre dash panel
T18b	18-pin connector, on onboard supply control unit
238	Earth connection 1, in interior wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near selector lever
B218	Positive connection 6 (30), in interior wiring harness
B235	Positive connection 4 (15a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness

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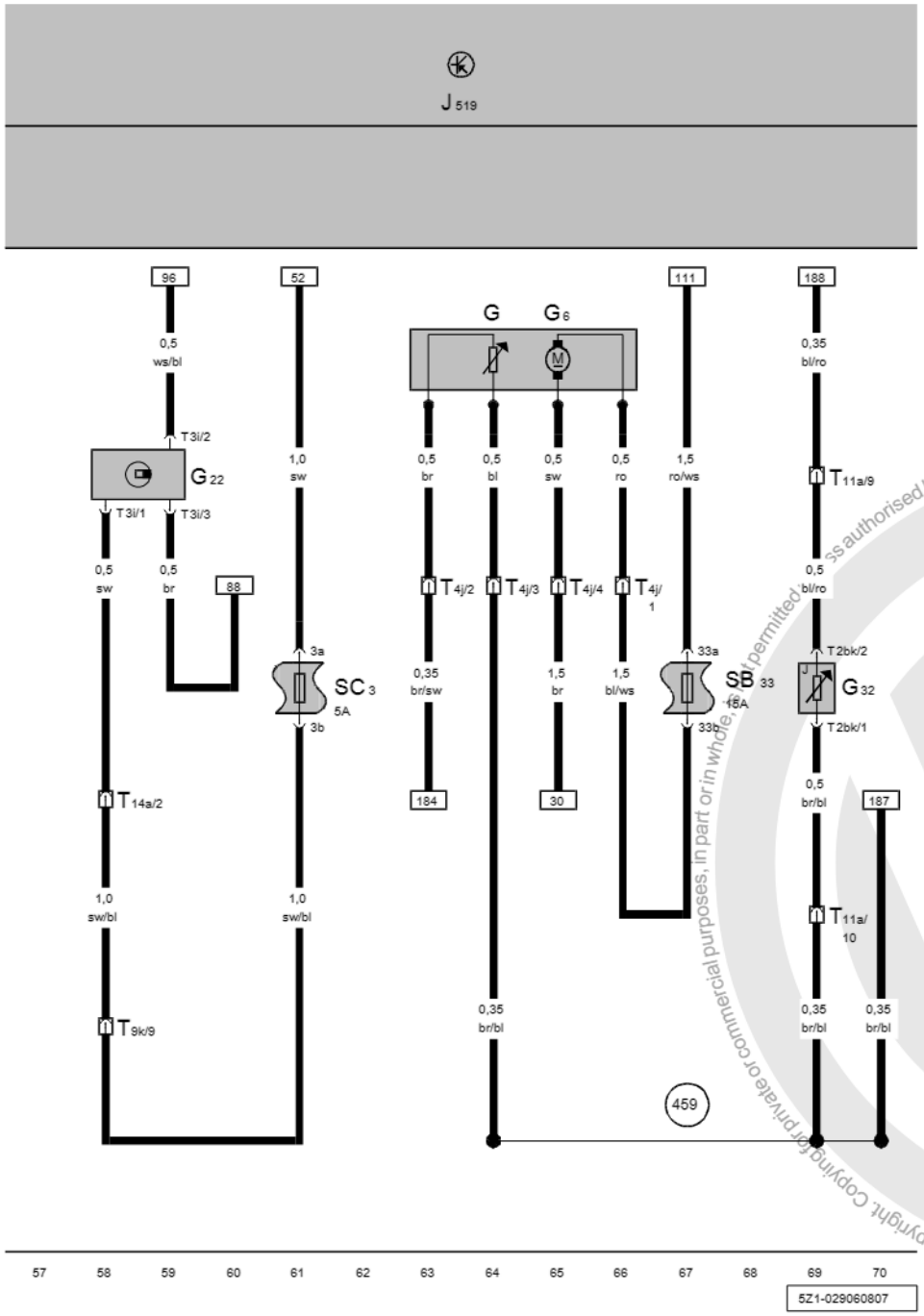


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Brake light switch, clutch pedal switch, brake pedal switch, onboard supply control unit

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J519	Onboard supply control unit
SB30	Fuse 30 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
T4l	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake light switch
T11a	11-pin connector, red, in left engine compartment
T11b	11-pin connector, blue, in left engine compartment
B131	Connection (54), in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
D102	Connection 2, in engine compartment wiring harness

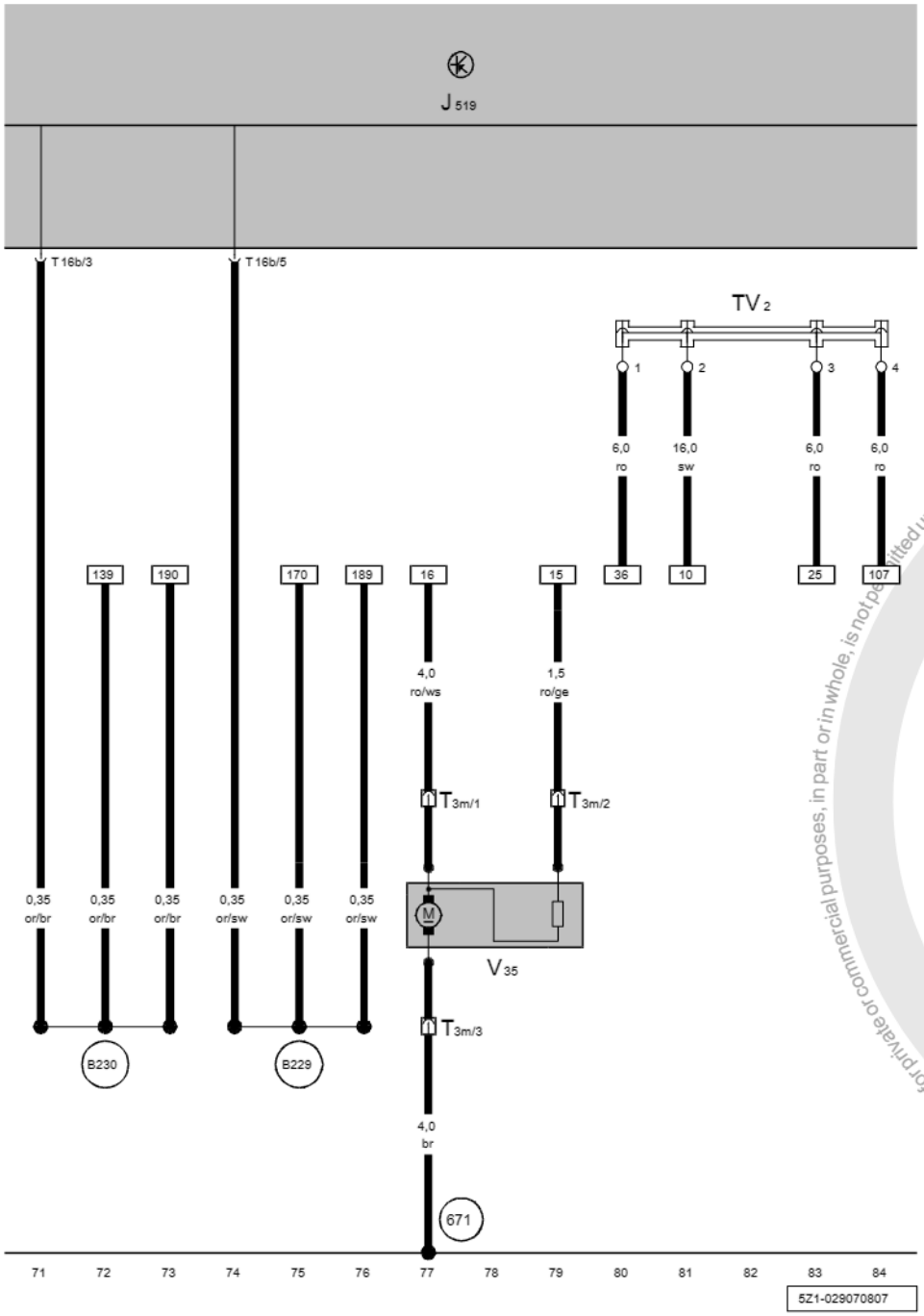


Fuel gauge sender, fuel system pressurisation pump, speedometer sender, coolant shortage indicator sender, onboard supply control unit

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G22	Speedometer sender
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
SB33	Fuse 33 on fuse holder B
SC3	Fuse 3 on fuse holder C
T2bk	2-pin connector, on coolant shortage indicator sender
T3i	3-pin connector, on speedometer sender
T4j	4-pin connector, under right seat bench
T9k	9-pin connector, yellow, in left engine compartment
T11a	11-pin connector, red, in left engine compartment
T14a	14-pin connector, in left engine compartment
459	Earth connection 15, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
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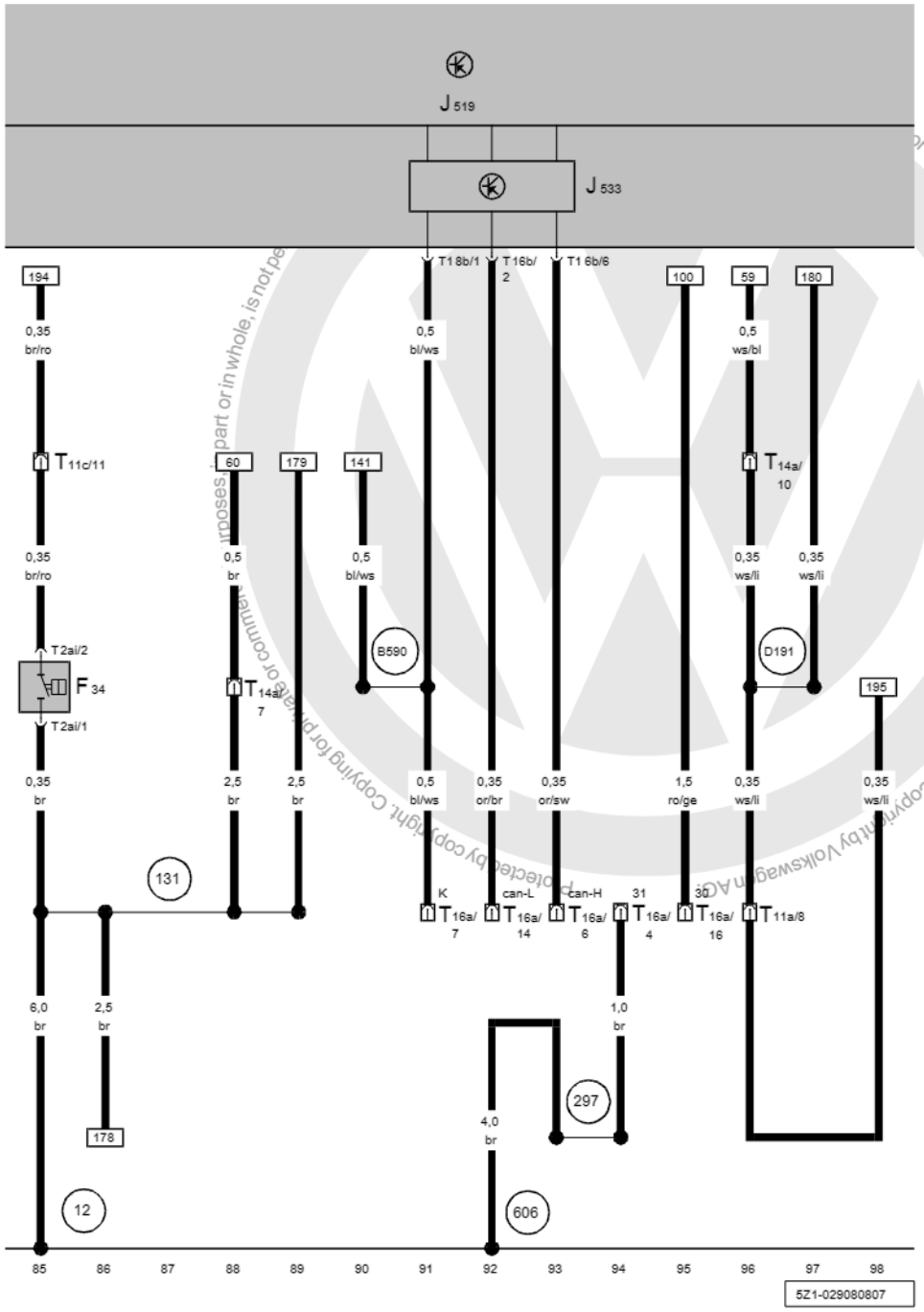


Onboard supply control unit, terminal 30 wiring junction, radiator fan on right of radiator

J519	Onboard supply control unit
T3m	3-pin connector, on radiator fan on right
T16b	16-pin connector, on onboard supply control unit
TV2	Terminal 30 wiring junction
V35	Right radiator fan
671	Earth point 1, on front of left longitudinal member
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness

ws	=	white
sw	=	black
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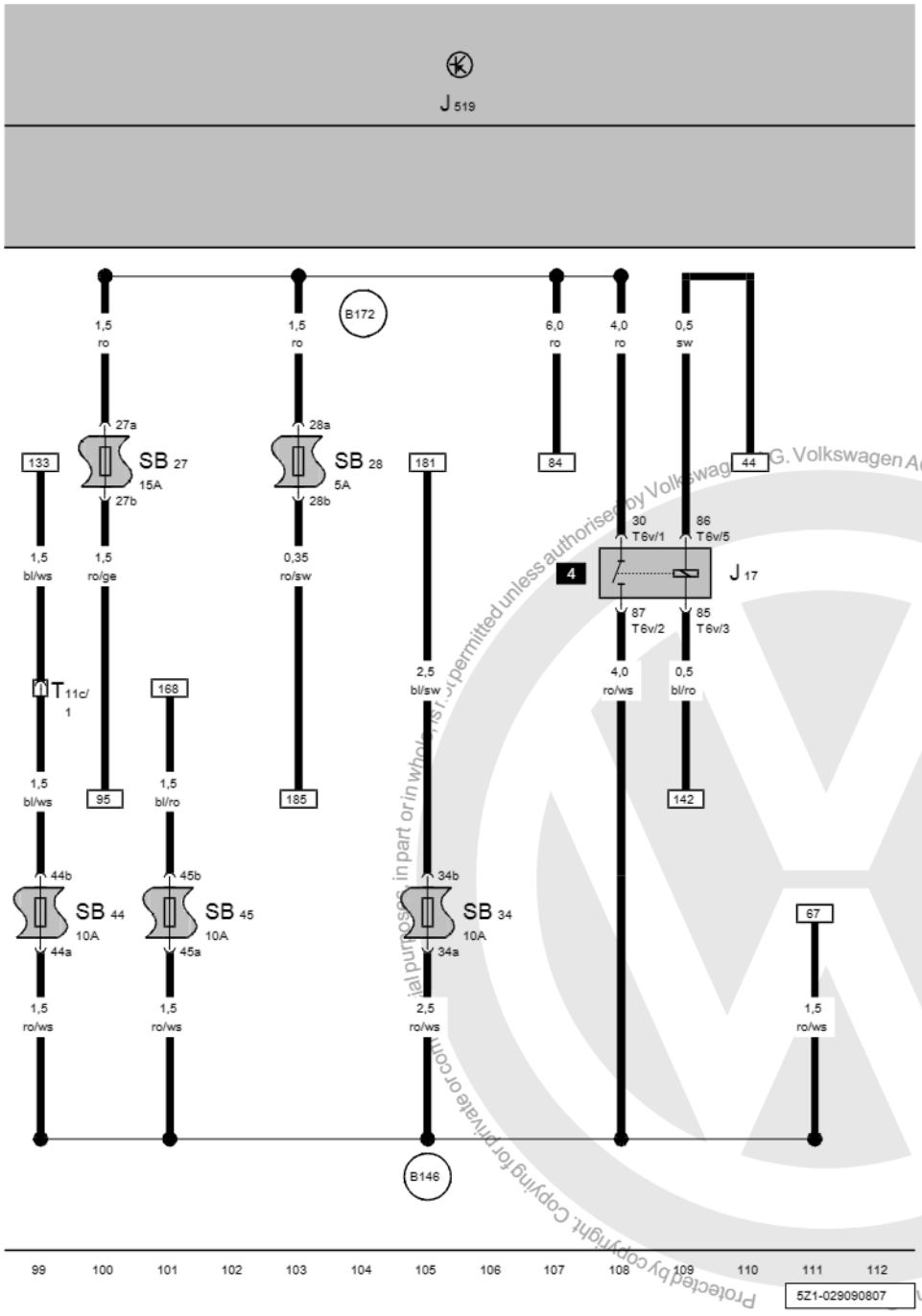


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rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake fluid level warning contact, onboard supply control unit, data bus diagnostic interface

F34	Brake fluid level warning contact
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T2ai	2-pin connector, on brake fluid level warning contact
T11a	11-pin connector, red, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T14a	14-pin connector, in left engine compartment
T16a	16-pin connector, on fuse holder
T16b	16-pin connector, on onboard supply control unit
T18b	18-pin connector, on onboard supply control unit
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
297	Earth connection 12, in interior wiring harness
606	Earth point, under the centre console near selector lever
B590	Connection (K-diagnosis wiring), in interior wiring harness
D191	Connection (speedometer sender), in engine compartment wiring harness

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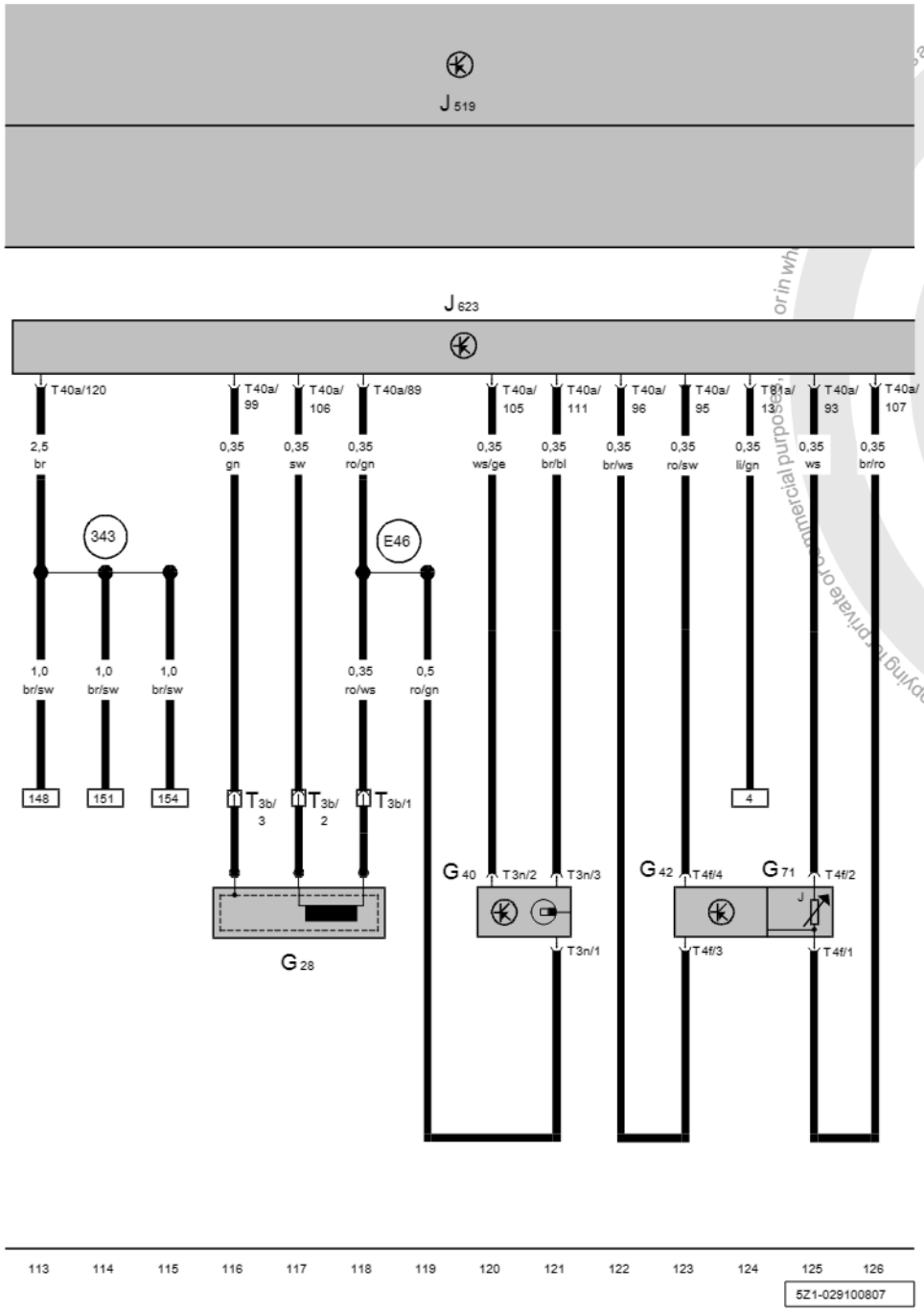


Fuel pump relay, onboard power supply control unit, fuses

J17	Fuel pump relay
J519	Onboard supply control unit
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB34	Fuse 34 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
T6v	6-pin connector, on fuel pump relay
T11c	11-pin connector, green, in left engine compartment
B146	Positive connection 1 (87), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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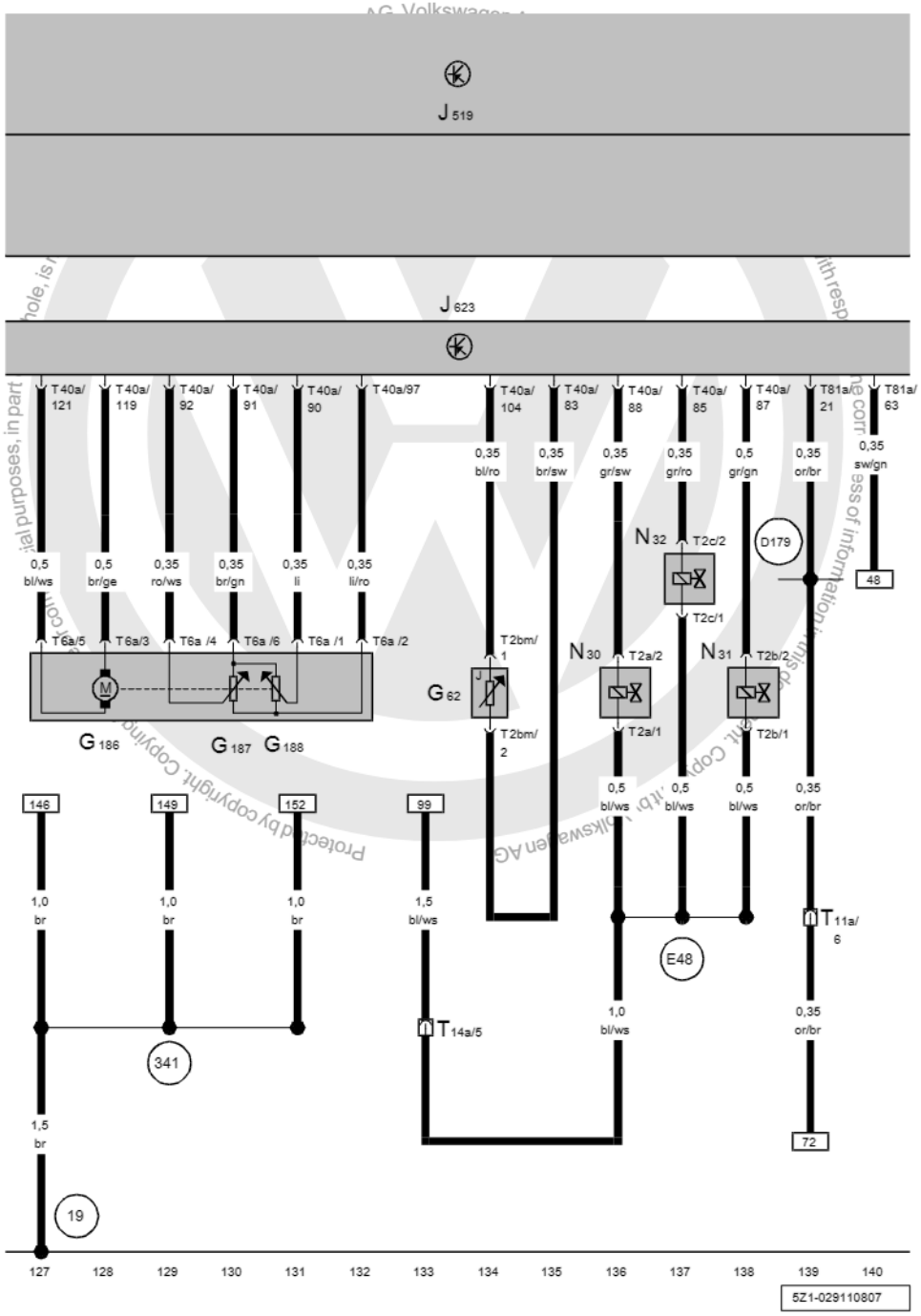


Engine speed sender, Hall sender, intake air temperature sender, intake manifold pressure sender, onboard supply control unit, engine control unit

G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
J519	Onboard supply control unit
J623	Engine control unit
T3b	3-pin connector, in right engine compartment
T3n	3-pin connector, on Hall sender
T4f	4-pin connector, on intake air temperature sender
T40a	40-pin connector, on engine control unit
T81a	81-pin connector, on engine control unit
343	Earth connection (ignition coil), in injection system wiring harness
E46	Positive connection 1 (5 Volt), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

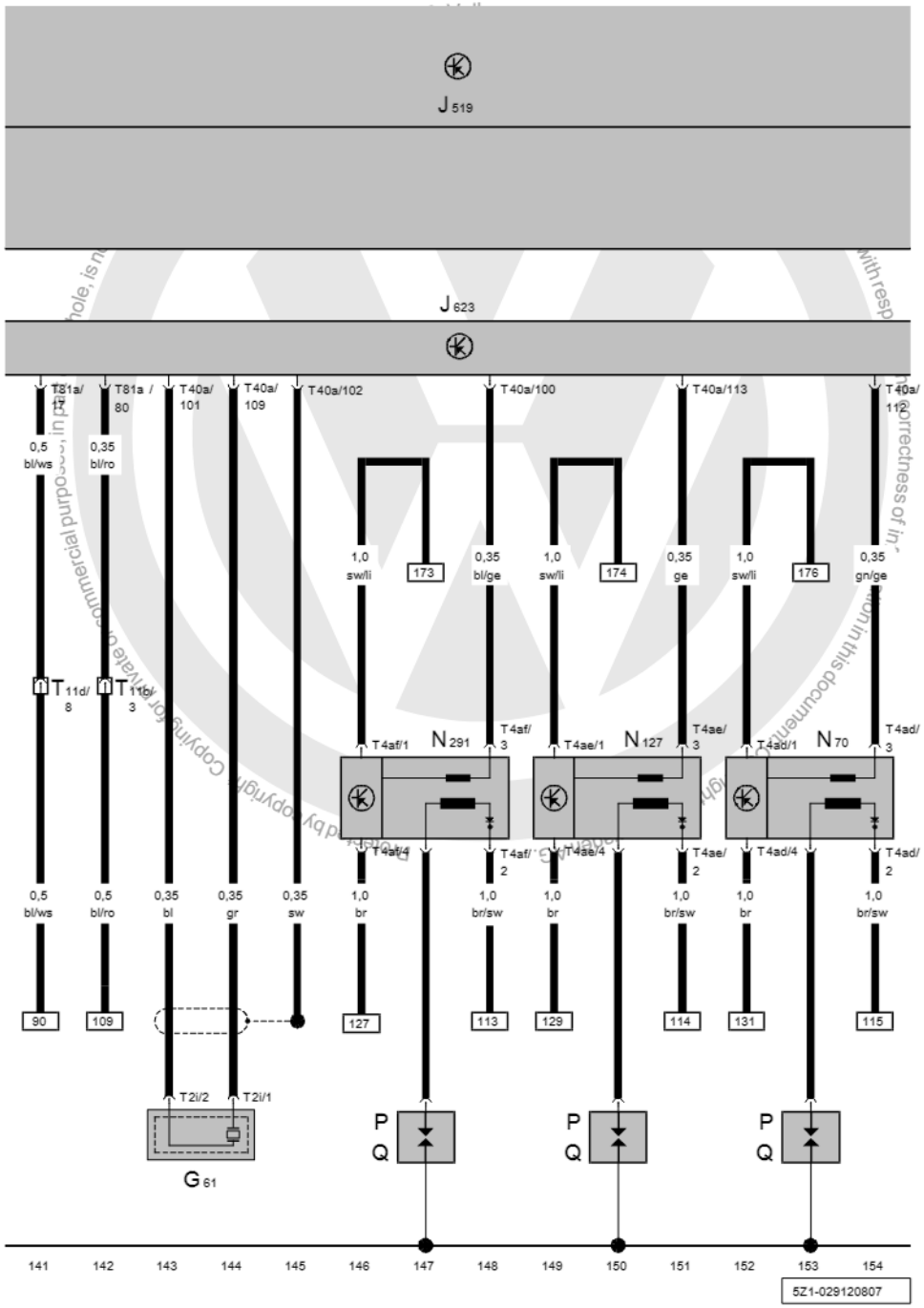
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Coolant shortage indicator sender, throttle valve drive angle sender 1 for electric throttle (EPC), injector, cylinder 1, injector, cylinder 2, injector, cylinder 3

G62	Coolant temperature sender
G186	Throttle valve drive for electric throttle (EPC)
G187	Throttle valve drive angle sender 1 for electric throttle (EPC)
G188	Throttle valve drive angle sender 2 for electric throttle (EPC)
J519	Onboard supply control unit
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
T2a	2-pin connector, on injector, cylinder 1
T2b	2-pin connector, on injector, cylinder 2
T2bm	2-pin connector, on coolant temperature sender
T2c	2-pin connector, on injector, cylinder 3
T6a	6-pin connector, on throttle valve drive angle sender 1 for electric throttle (EPC)
T11a	11-pin connector, red, in left engine compartment
T14a	14-pin connector, in left engine compartment
T40a	40-pin connector, on engine control unit
T81a	81-pin connector, on engine control unit
19	Earth point, near coil
341	Earth connection 3, in injection system wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness
E48	Connection (injectors), in injection system wiring harness

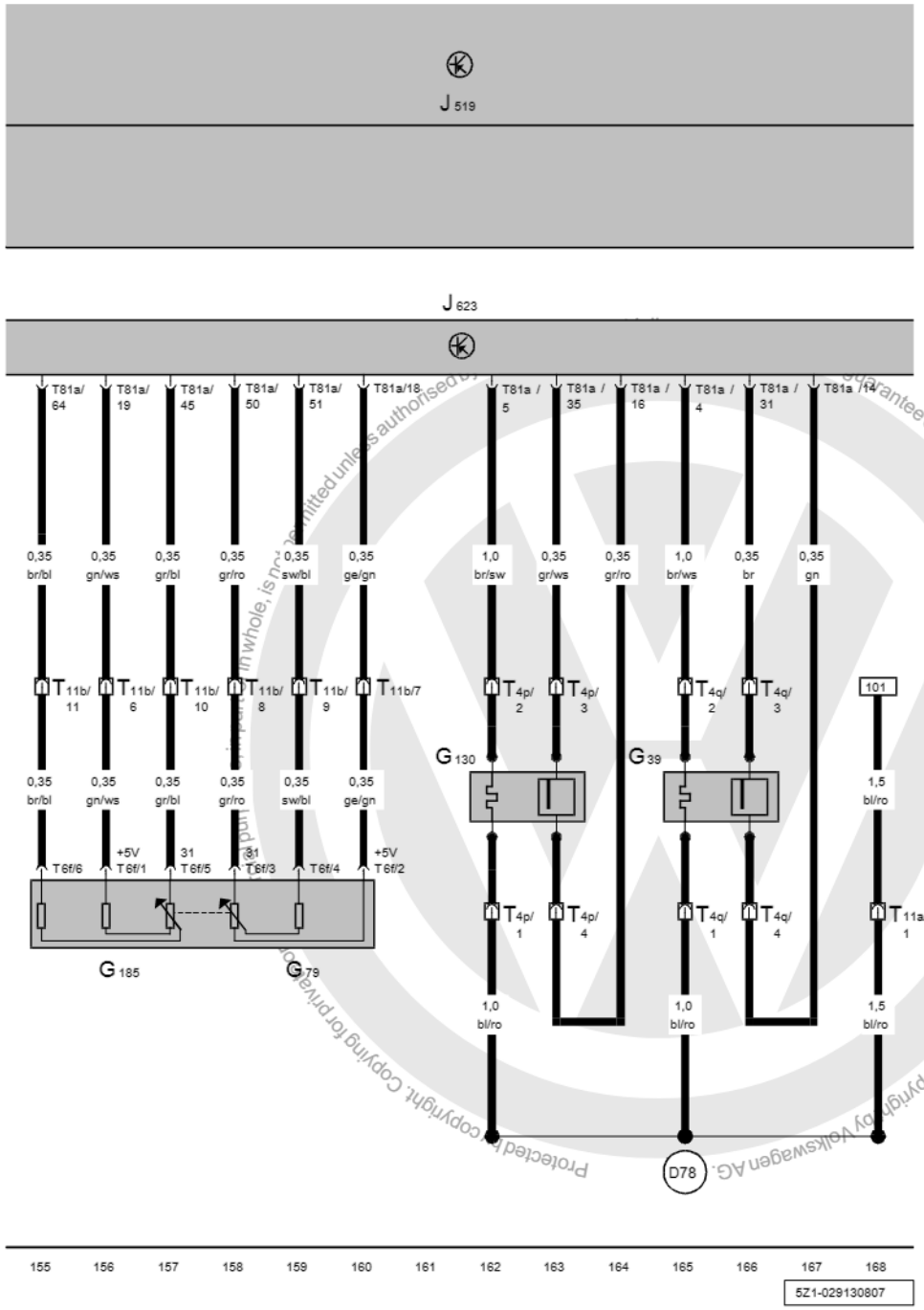
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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Knock sensor 1, onboard supply control unit, engine control unit, ignition coil 1 with output stage, ignition coil 2 with output stage, spark plug connector, spark plugs

G61	Knock sensor 1
J519	Onboard supply control unit
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
P	Spark plug connector
Q	Spark plugs
T2i	2-pin connector, on knock sensor 1
T4ad	4-pin connector, on ignition coil 1 with output stage
T4ae	4-pin connector, on ignition coil 2 with output stage
T4af	4-pin connector, on ignition coil 3 with output stage
T11b	11-pin connector, blue, in left engine compartment
T11d	11-pin connector, brown, in left engine compartment
T40a	40-pin connector, on engine control unit
T81a	81-pin connector, on engine control unit

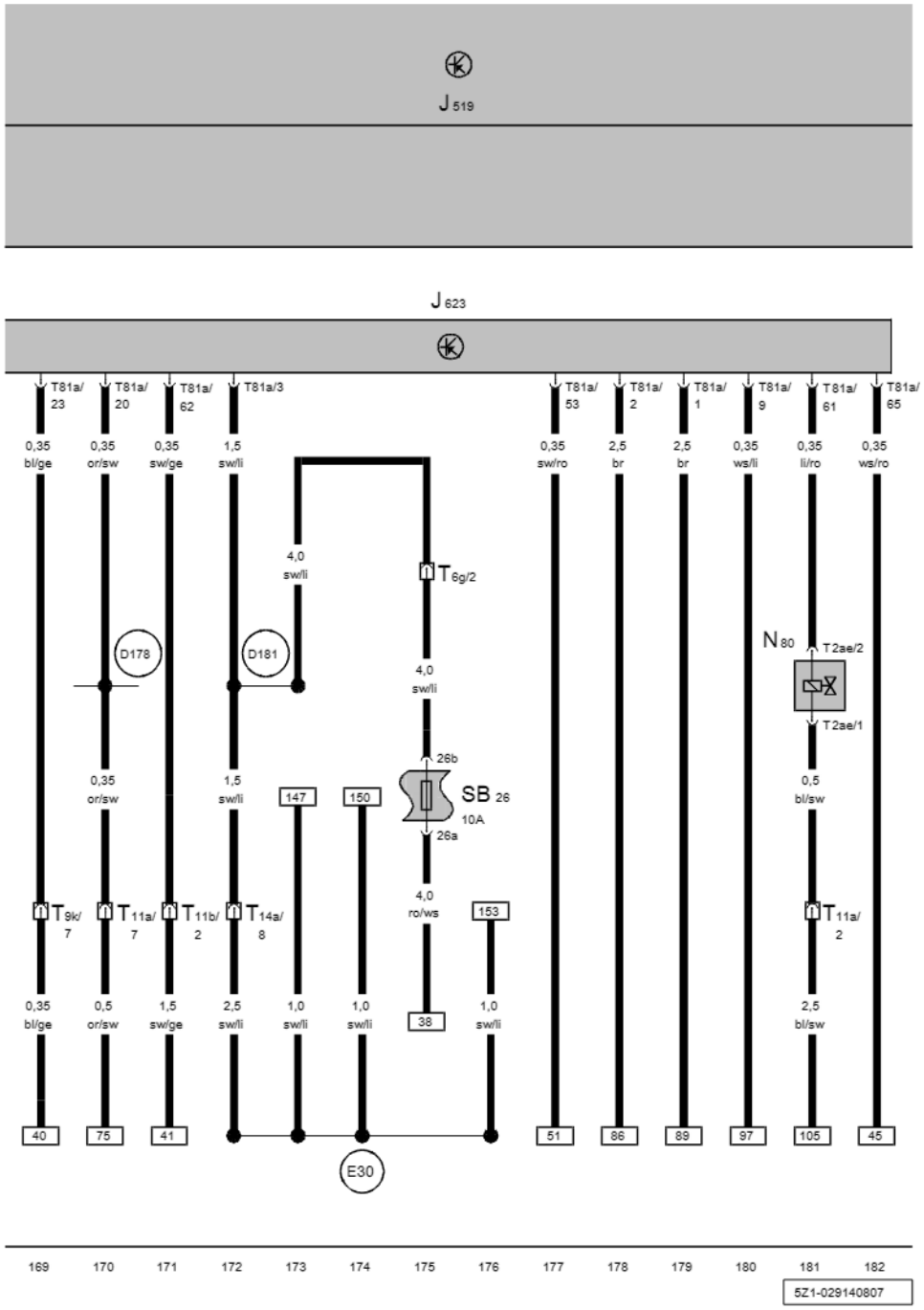


Lambda probe, accelerator position sender, lambda probe after catalytic converter, accelerator position sender 2, onboard supply control unit, engine control unit

G39	Lambda probe
G79	Accelerator position sender
G130	Lambda probe after catalytic converter
G185	Accelerator position sender 2
J519	Onboard supply control unit
J623	Engine control unit
T4p	4-pin connector, in front engine compartment
T4q	4-pin connector, in front engine compartment
T6f	6-pin connector, on accelerator position sender
T11a	11-pin connector, red, in left engine compartment
T11b	11-pin connector, blue, in left engine compartment
T81a	81-pin connector, on engine control unit
(D78)	Positive connection 1 (30a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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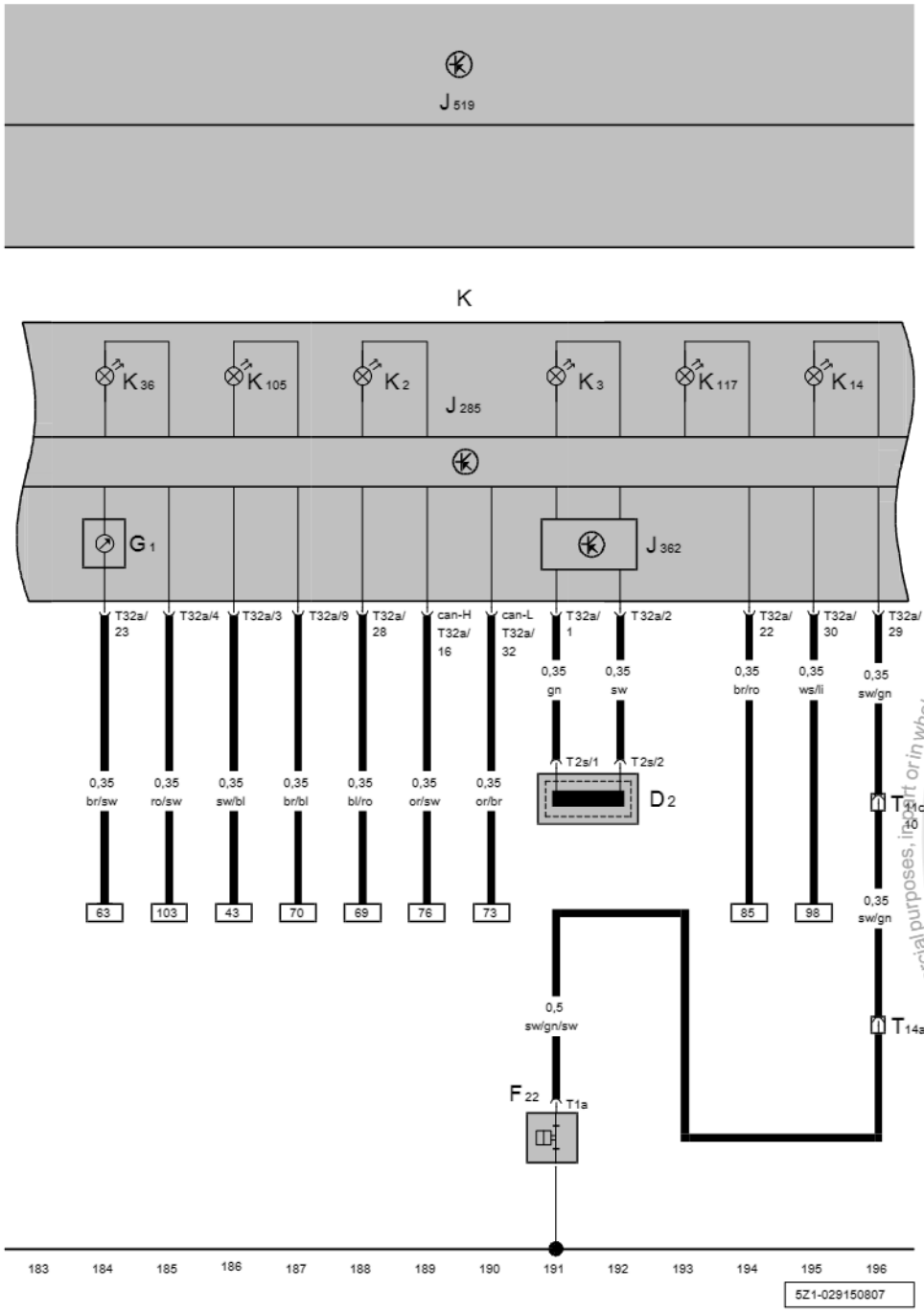


Onboard supply control unit, engine control unit, active charcoal filter system solenoid valve 1

J519	Onboard supply control unit
J623	Engine control unit
N80	Activated charcoal filter system solenoid valve 1
SB26	Fuse 26 on fuse holder B
T2ae	2-pin connector, on active charcoal filter system solenoid valve 1
T6g	6-pin connector, grey, in left engine compartment
T9k	9-pin connector, yellow, in left engine compartment
T11a	11-pin connector, red, in left engine compartment
T11b	11-pin connector, blue, in left engine compartment
T14a	14-pin connector, in left engine compartment
T81a	81-pin connector, on engine control unit
D178	Connection 2 (high bus), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
E30	Connection (87a), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Immobilizer reader coil, oil pressure switch, control unit with display in dash panel insert, immobilizer control unit, dash panel insert, alternator warning lamp

D2	Immobilizer reader coil
F22	Oil pressure switch
G1	Fuel gauge
J285	Control unit with display in dash panel insert
J362	Immobilizer control unit
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K14	Handbrake warning lamp
K36	Coolant shortage warning lamp
K105	Reserve fuel warning lamp
K117	Immobilizer warning lamp
T1a	Single pin connector, on oil pressure switch
T2s	2-pin connector, on immobilizer reader coil
T11c	11-pin connector, green, in left engine compartment
T14a	14-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Light switch (Europe)

from November 2004 up to November 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

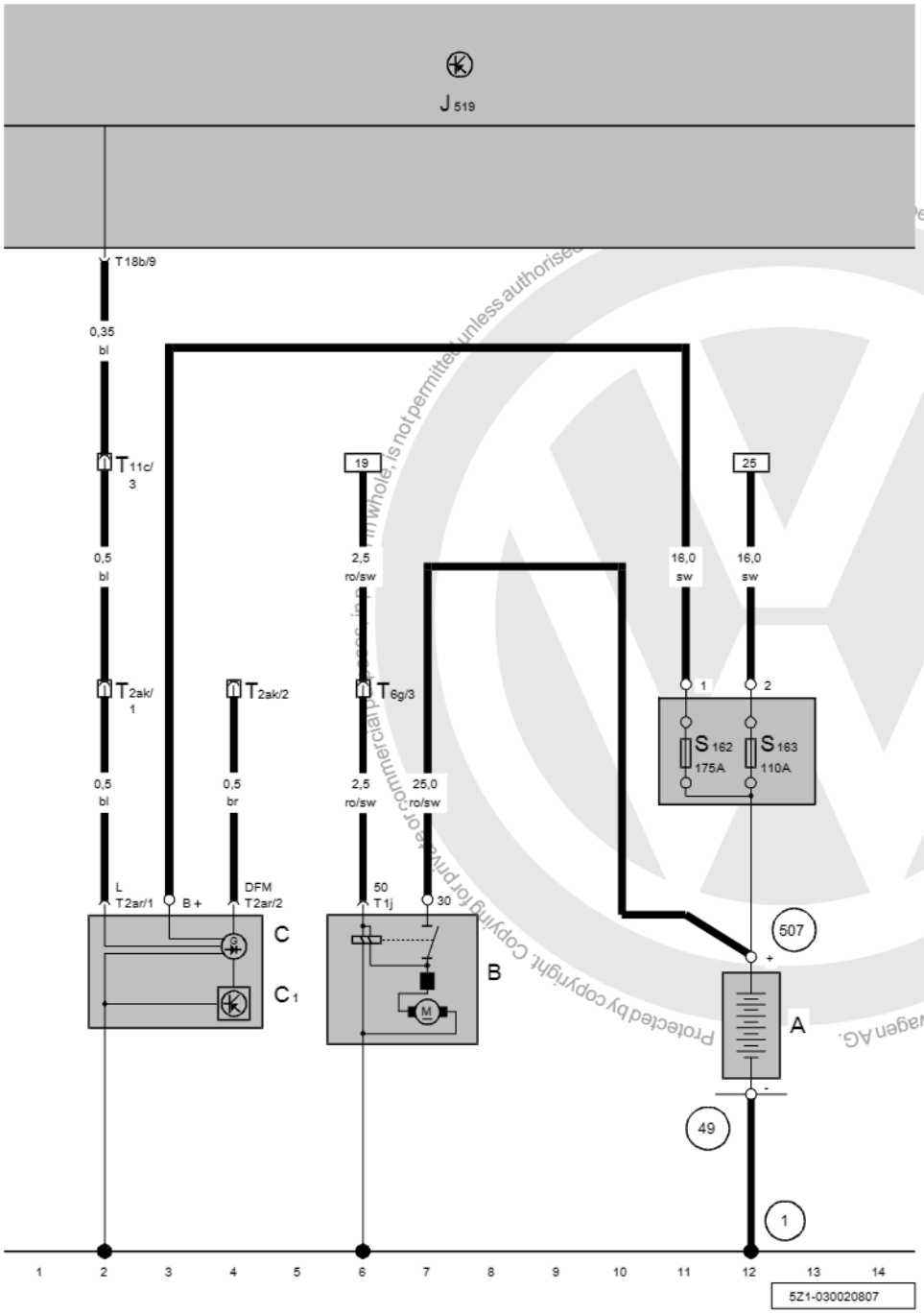
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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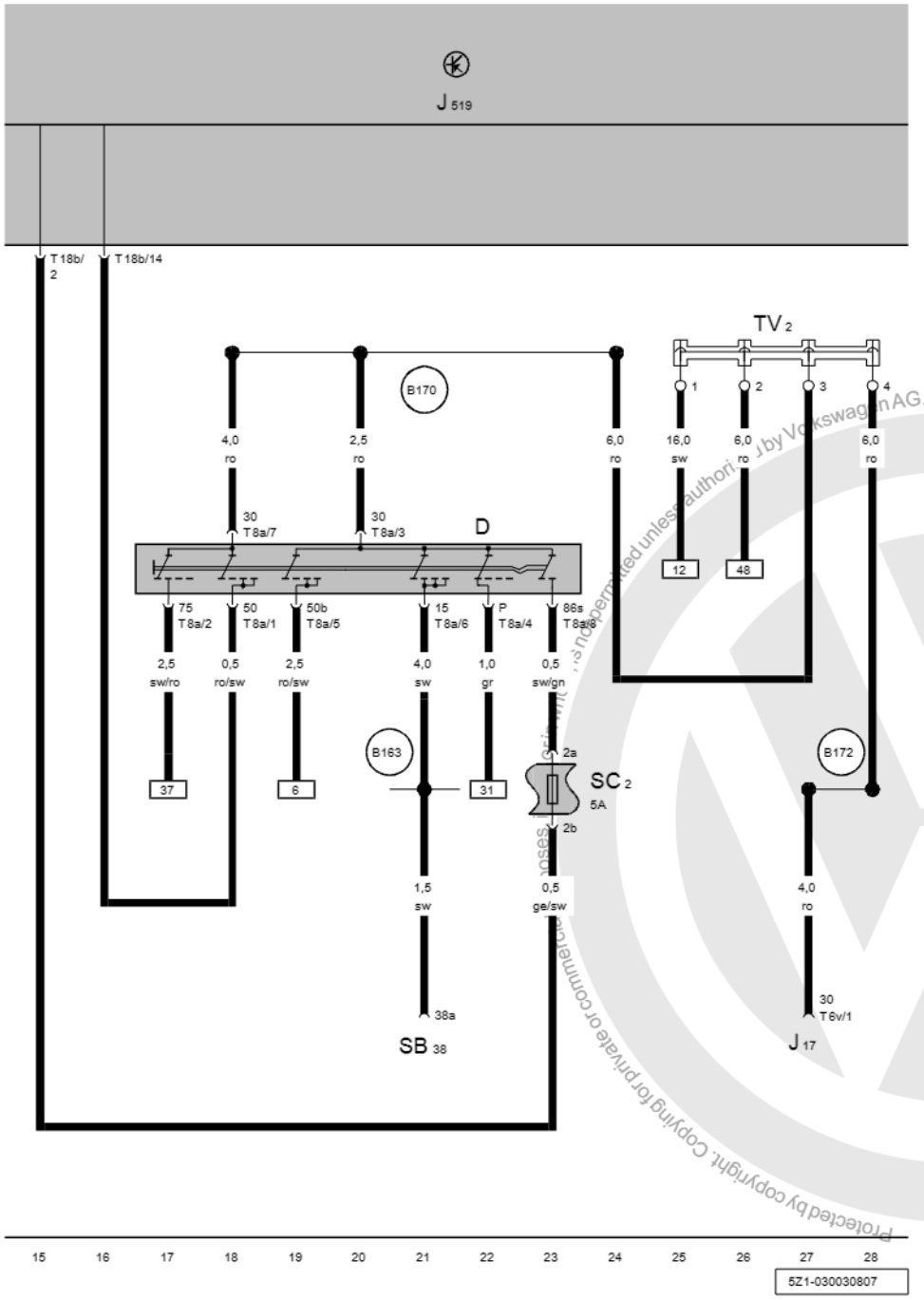


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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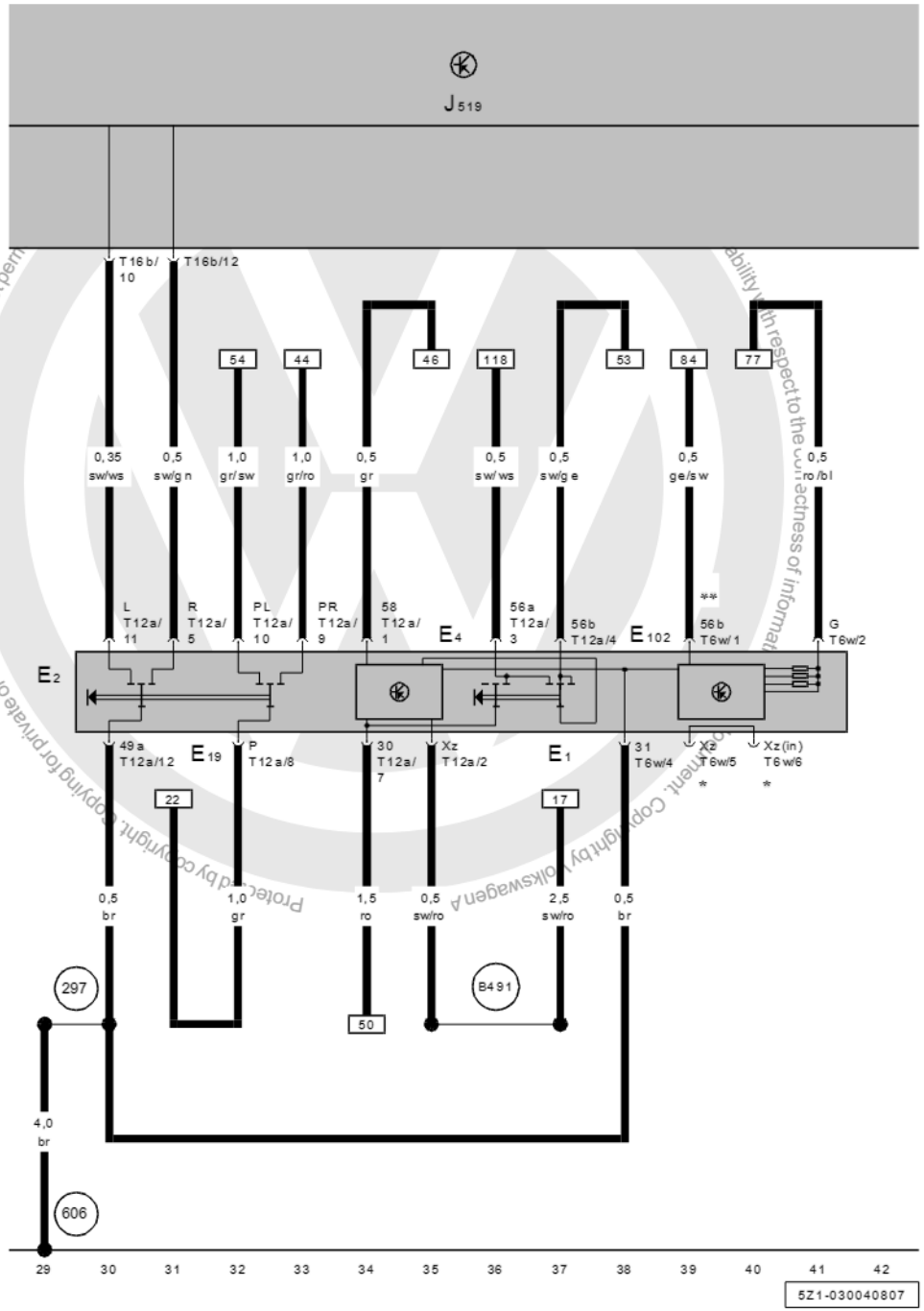


Ignition/starter switch, onboard supply control unit, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J519	Onboard supply control unit
SB38	Fuse 38 on fuse holder B
SC2	Fuse 2 on fuse holder C
T6v	6-pin connector, on fuel pump relay
T8a	8-connector, on ignition/starter switch
T18b	18-pin connector, on onboard supply control unit
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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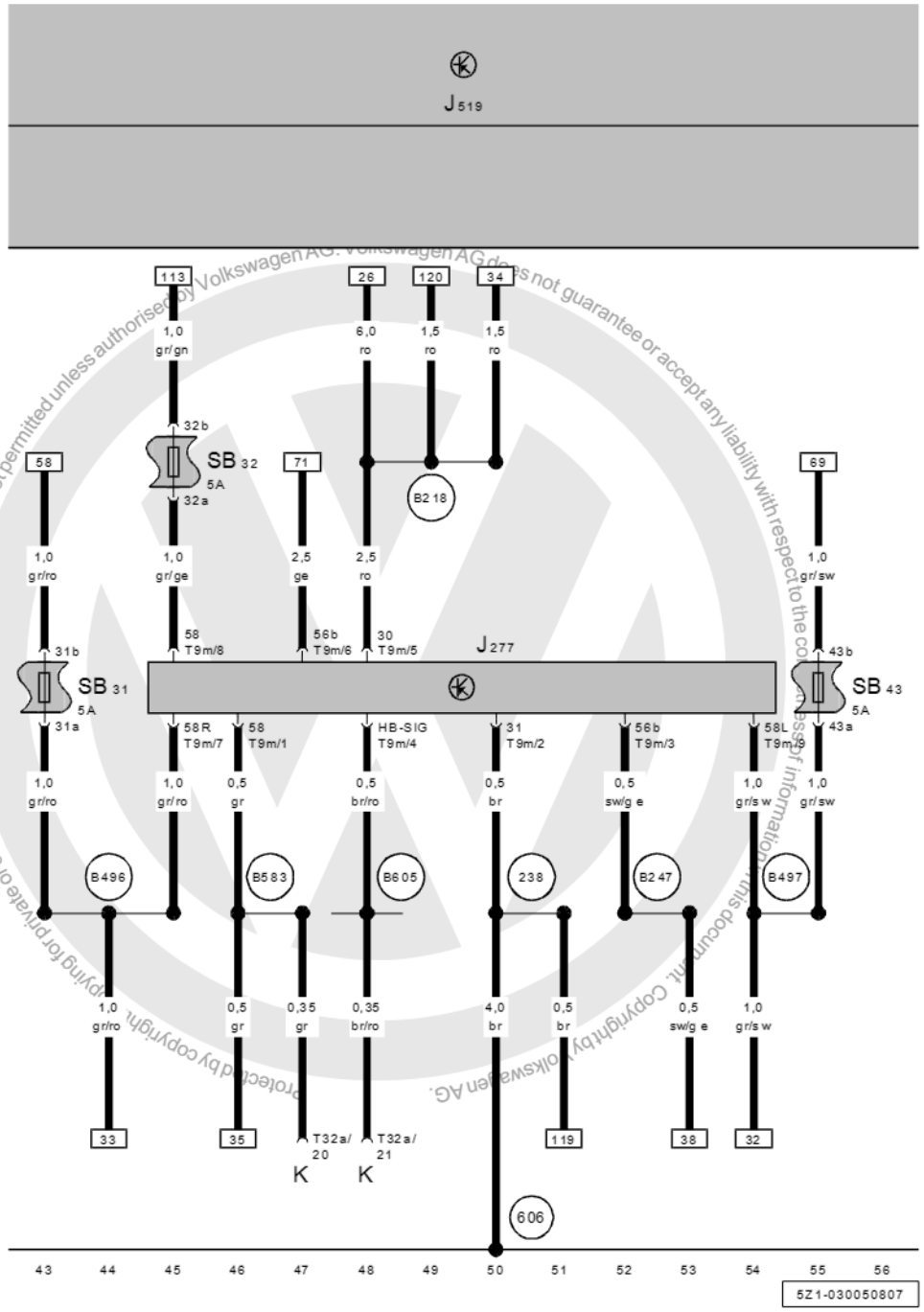


Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, headlight range control regulator

E1	Light switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
E102	Headlight range control regulator
J519	Onboard supply control unit
T6w	6-pin connector, on headlight range control regulator
T12a	12-pin connector, on light switch
T16b	16-pin connector, on onboard supply control unit
297	Earth connection 12, in interior wiring harness
606	Earth point, under the centre console near selector lever
B491	Positive connection (75), in interior wiring harness
*	for models with day driving light only
**	for models with parking light only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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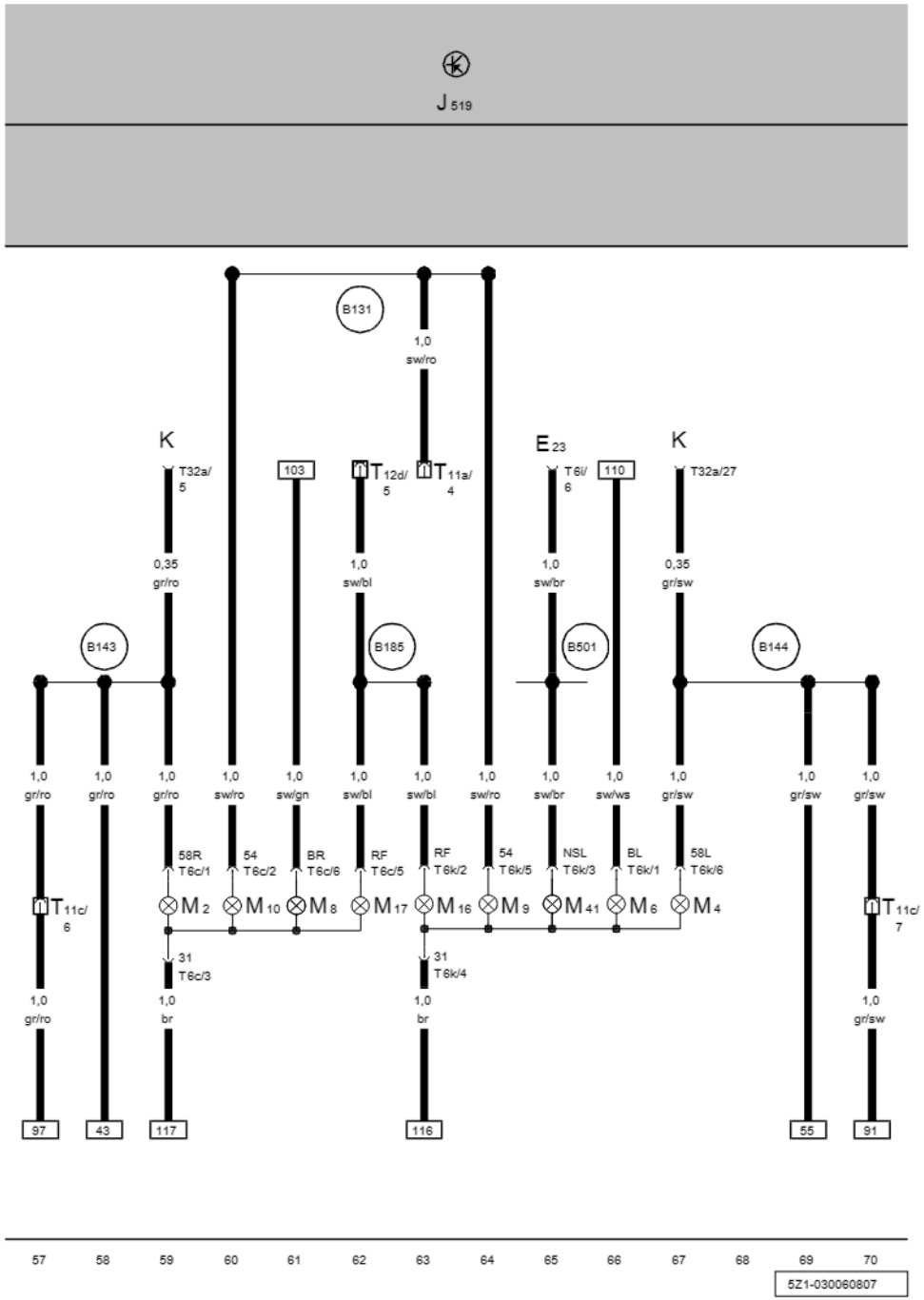


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Daytime running lights relay, side and tail lights, onboard supply control unit

J519	Onboard supply control unit
J277	Daytime running lights relay, side and tail lights
K	Dash panel insert
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB43	Fuse 43 on fuse holder B
T9m	9-pin connector, on daytime running lights relay, side and tail lights
T32a	32-pin connector, on dash panel insert
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B218	Positive connection 6 (30), in interior wiring harness
B247	Connection 2 (56b), in interior wiring harness
B496	Positive connection 4 (58R), in interior wiring harness
B497	Positive connection 2 (58L), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B605	Connection 1, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
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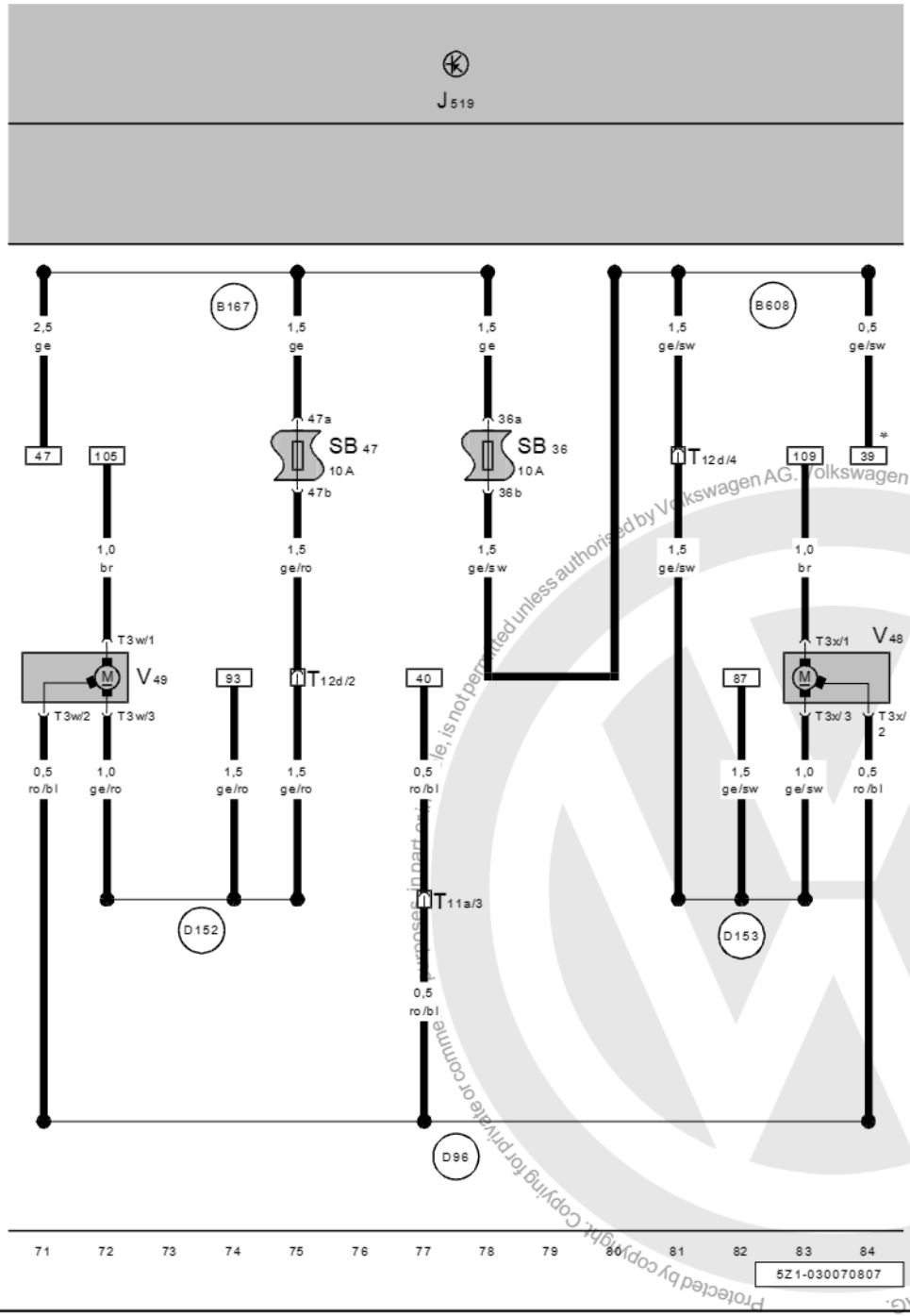


Onboard supply control unit, right tail light bulb, rear right turn signal bulb, right brake light bulb, right reversing light bulb

E23	Front and rear fog light switch
J519	Onboard supply control unit
K	Dash panel insert
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Reversing light bulb
M17	Reversing light bulb
M41	Left tail light and rear fog light bulb
T6c	6-pin connector, on the rear right turn signal bulb
T6i	6-pin connector, on front and rear fog light switch
T6k	6-pin connector, on the rear left turn signal bulb
T11a	11-pin connector, red, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
T32a	32-pin connector, on dash panel insert
B131	Connection (54), in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B185	Connection 2 (54), in interior wiring harness
B501	Positive connection (83b), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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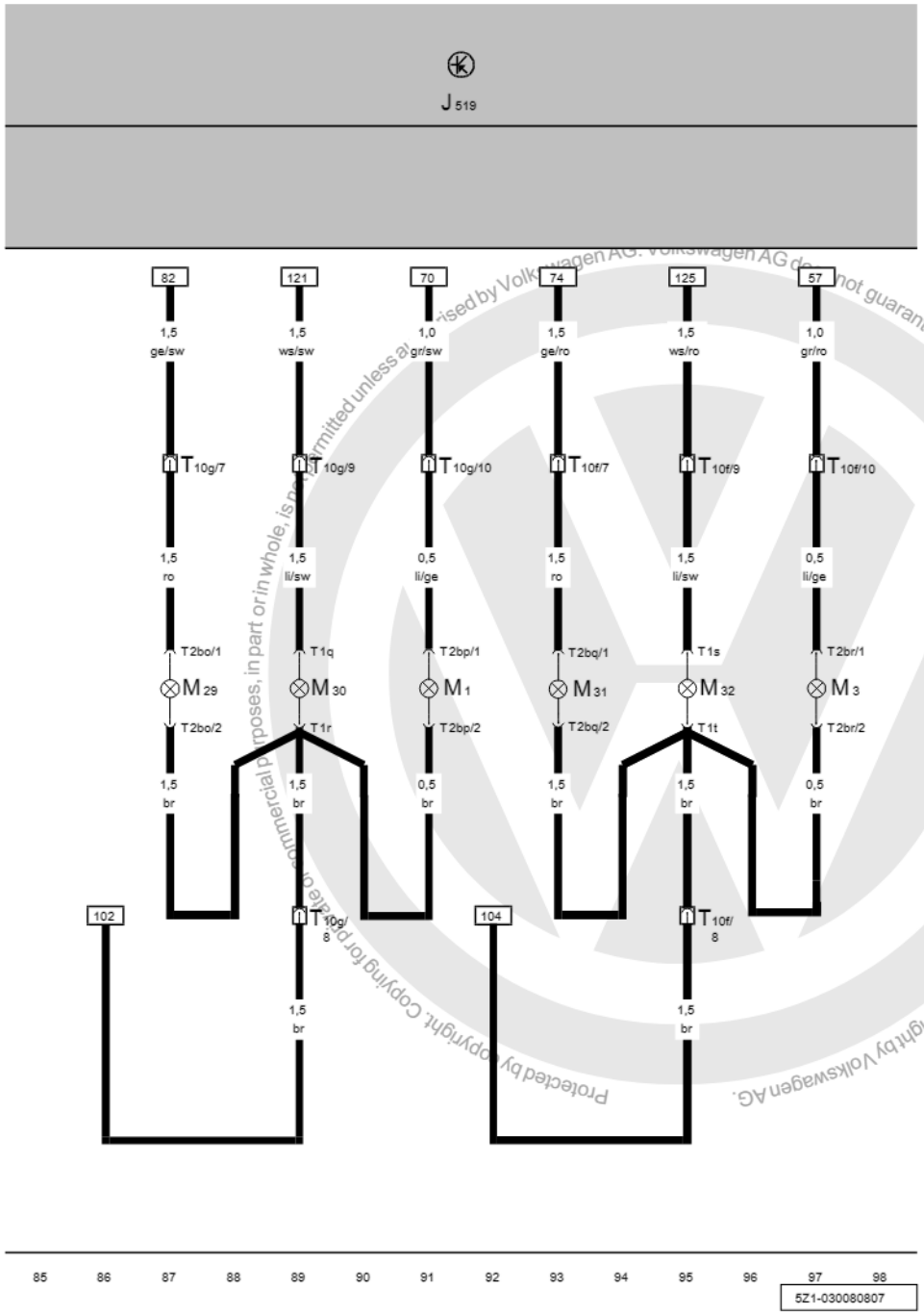


Onboard supply control unit, left headlight range control motor, right headlight range control motor

J519	Onboard supply control unit
SB36	Fuse 36 on fuse holder B
SB47	Fuse 47 on fuse holder B
T3x	3-pin connector, on left headlight range control motor
T3w	3-pin connector, on right headlight range control motor
T11a	11-pin connector, red, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
V48	Left headlight range control motor
V49	Right headlight range control motor
B167	Connection (56b), in interior wiring harness
B608	Connection 4, in interior wiring harness
D96	Connection (headlight range control), in engine compartment wiring harness
D152	Positive connection 1 (56b), in engine compartment wiring harness
D153	Positive connection 2 (56b), in engine compartment wiring harness
*	for models with parking light only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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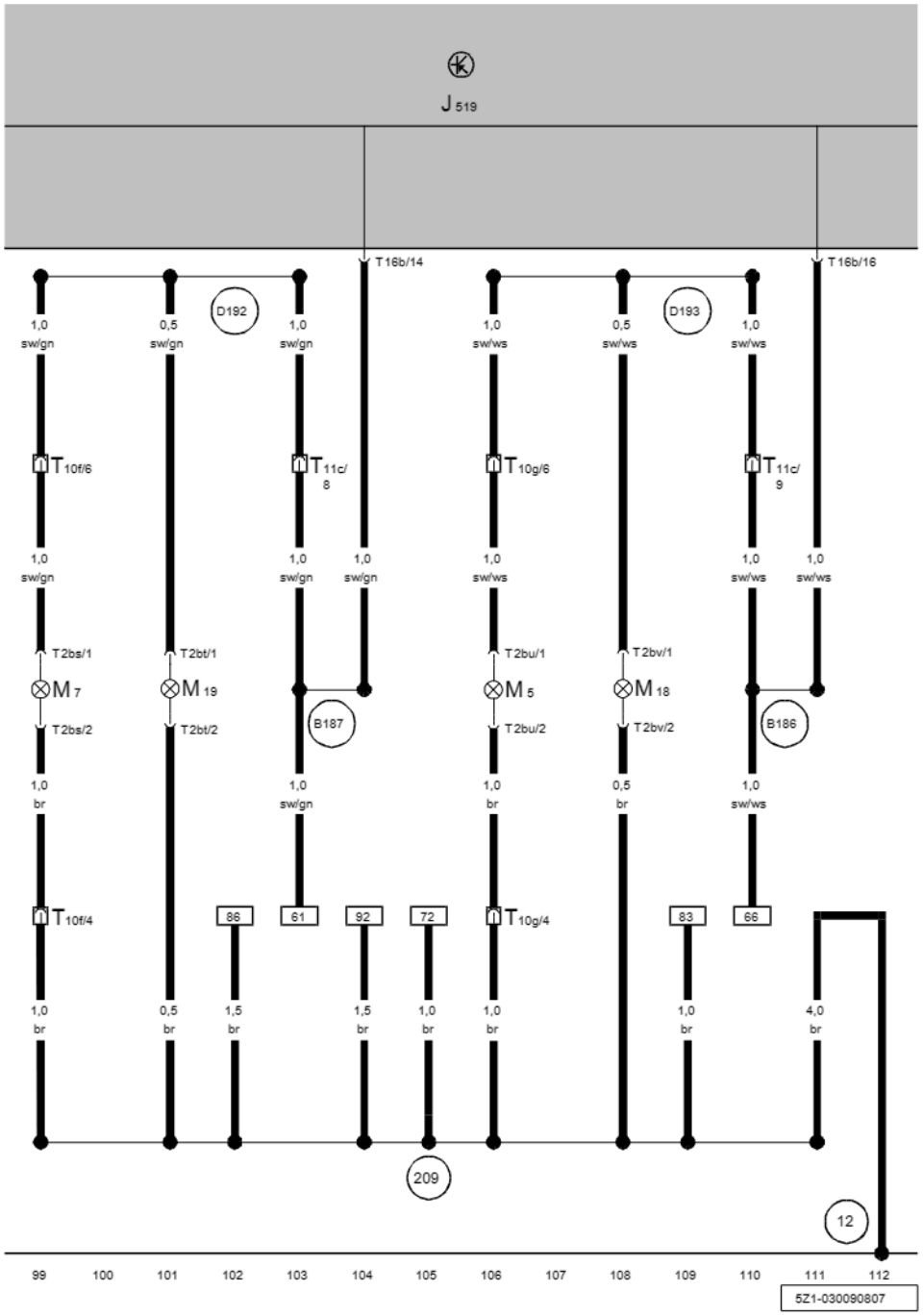


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Onboard supply control unit, front left side marker bulb, front right side marker bulb, left dipped beam bulb, left main beam bulb, right dipped beam bulb, right headlight main beam bulb

J519	Onboard supply control unit
M1	Front left side marker bulb
M3	Front right side marker bulb
M29	Left dipped beam bulb
M30	Left main beam bulb
M31	Right dipped beam bulb
M32	Right main beam bulb
T1q	Single pin connector, on left main beam bulb
T1r	Single pin connector, on left main beam bulb
T1s	Single pin connector, on right main beam bulb
T1t	Single pin connector, on right main beam bulb
T2bo	2-pin connector, on left headlight dipped beam bulb
T2bp	2-pin connector, on the front left side marker bulb
T2bq	2-pin connector, on right headlight dipped beam bulb
T2br	2-pin connector, on the front right side marker bulb
T10f	10-pin connector, in engine compartment, front right
T10g	10-pin connector, in front left engine compartment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

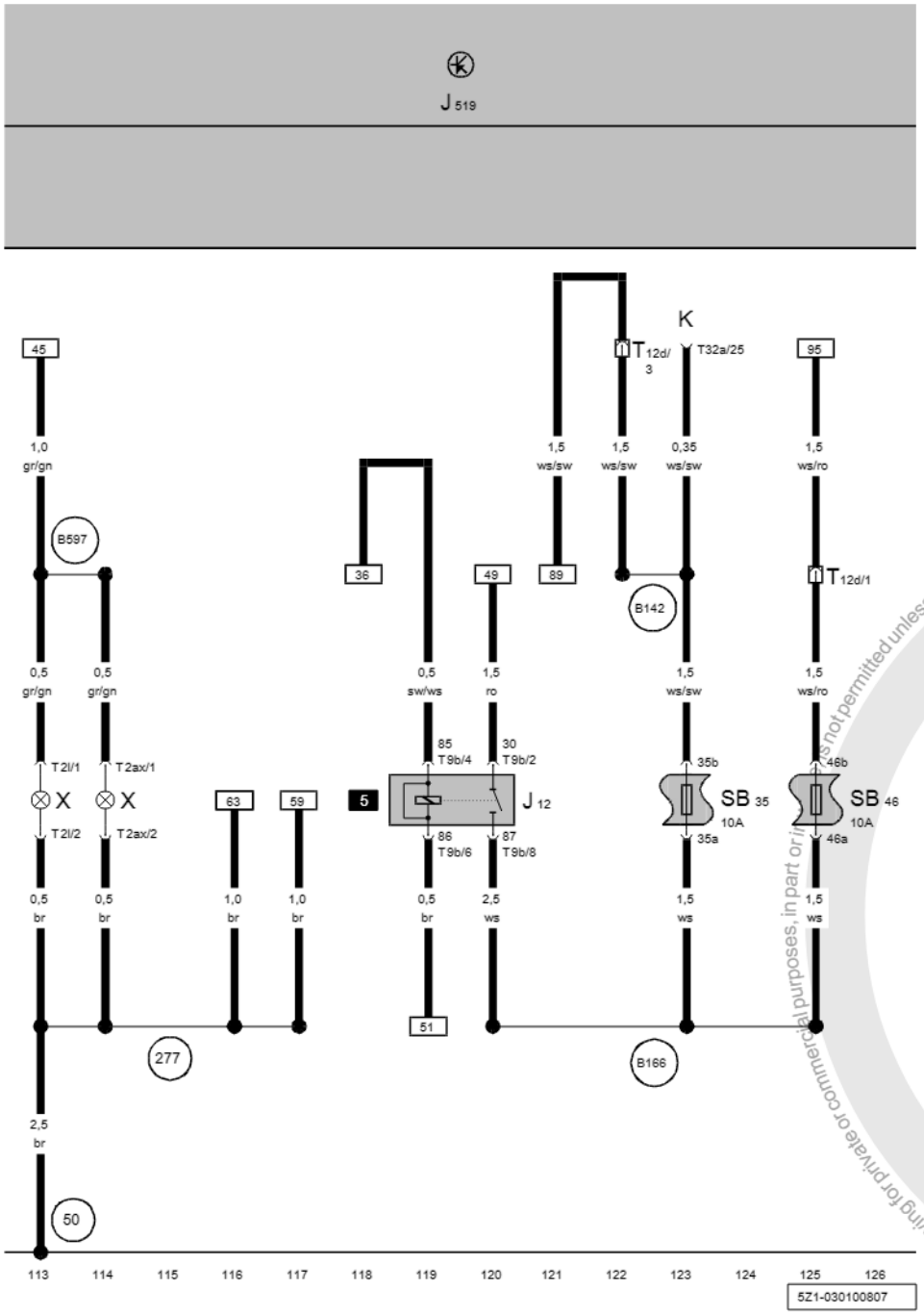


Onboard supply control unit, front left turn signal bulb, front right turn signal bulb, left side mounted turn signal bulb, right side mounted turn signal bulb

J519	Onboard supply control unit
M5	Front left turn signal bulb
M7	Front right turn signal bulb
M18	Left side mounted turn signal bulb
M19	Right side mounted turn signal bulb
T2bs	2-pin connector, on the front right turn signal bulb
T2bt	2-pin connector, on right side repeater turn signal bulb
T2bu	2-pin connector, on the front left turn signal bulb
T2bv	2-pin connector, on left side repeater turn signal bulb
T10f	10-pin connector, in engine compartment, front right
T10g	10-pin connector, in front left engine compartment
T11c	11-pin connector, green, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
12	Earth point, on left in engine compartment
209	Earth connection 6, in engine compartment wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
D192	Connection 1 (RTS), in engine compartment wiring harness
D193	Connection 1 (LTS), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Onboard supply control unit, headlight main beam relay, number plate light

J12	Headlight main beam relay
J519	Onboard supply control unit
K	Dash panel insert
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T2ax	2-pin connector, on number plate light
T2l	2-pin connector, on number plate light
T9b	9-pin connector, on headlight main beam relay
T12d	12-pin connector, white, in left engine compartment
T32a	32-pin connector, on dash panel insert
X	Number plate light
50	Earth points, on left in luggage compartment
277	Earth connection 3, in interior wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B166	Connection (56a), in interior wiring harness
B597	Positive connection 1 (58a), in interior wiring harness

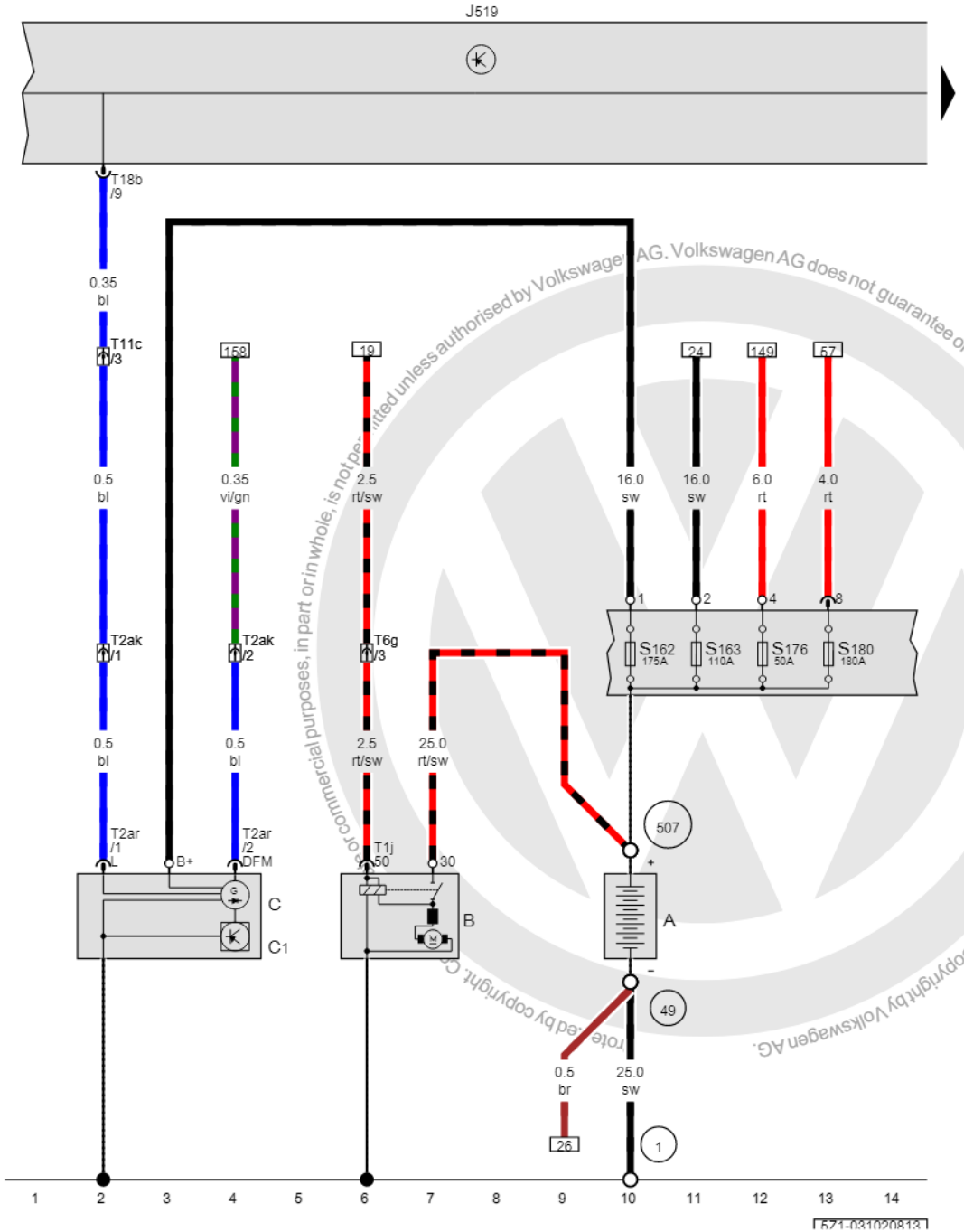
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li	=	purple
vi	=	purple
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1.4l diesel engine , BNM,(F6G)

From November 2004

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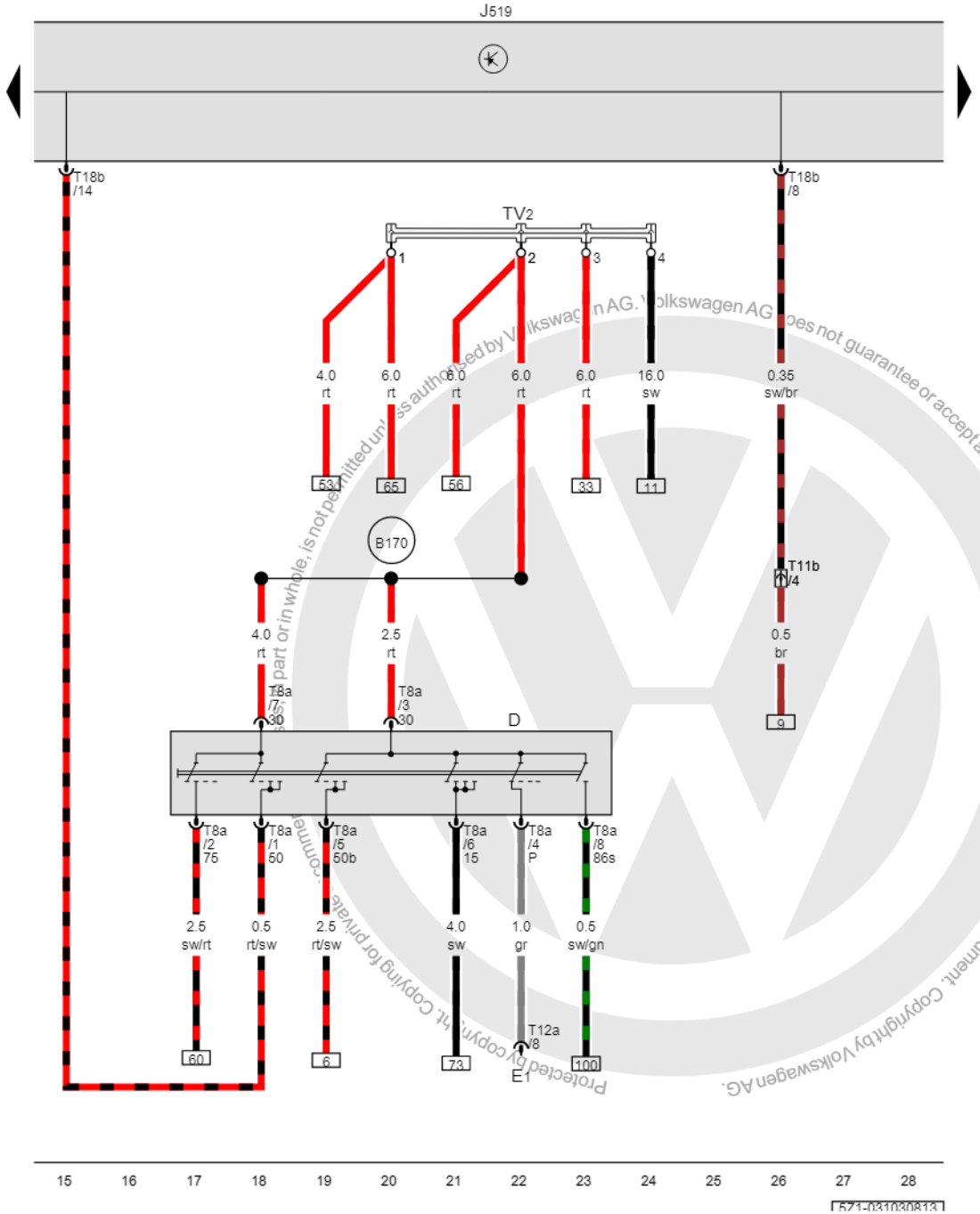


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S176	Fuse 4 (30), in battery fuse holder
S180	Fuse 8 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, on left in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

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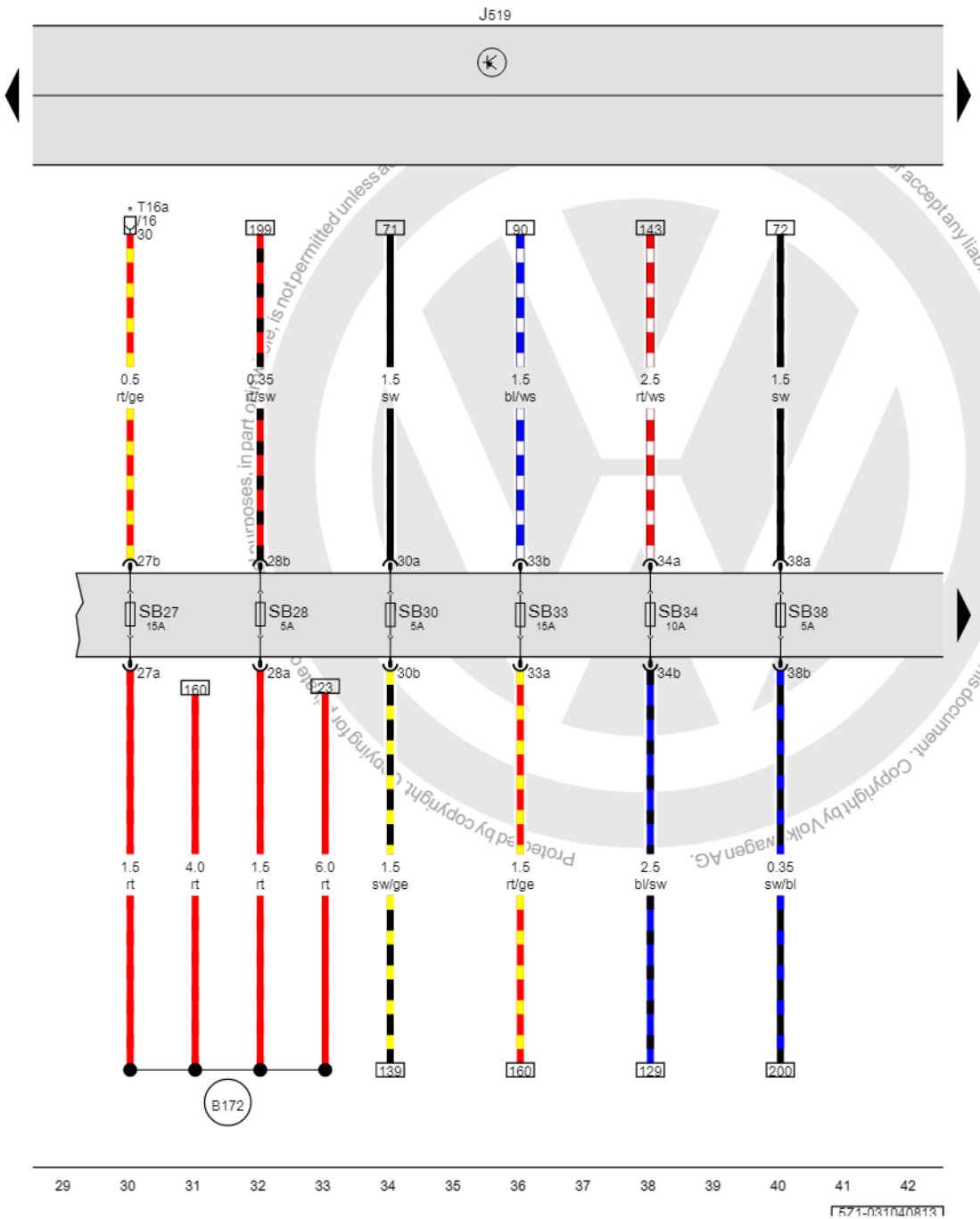


Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J519	Onboard supply control unit
T8a	8-pin connector
T11b	11-pin connector, on left in plenum chamber
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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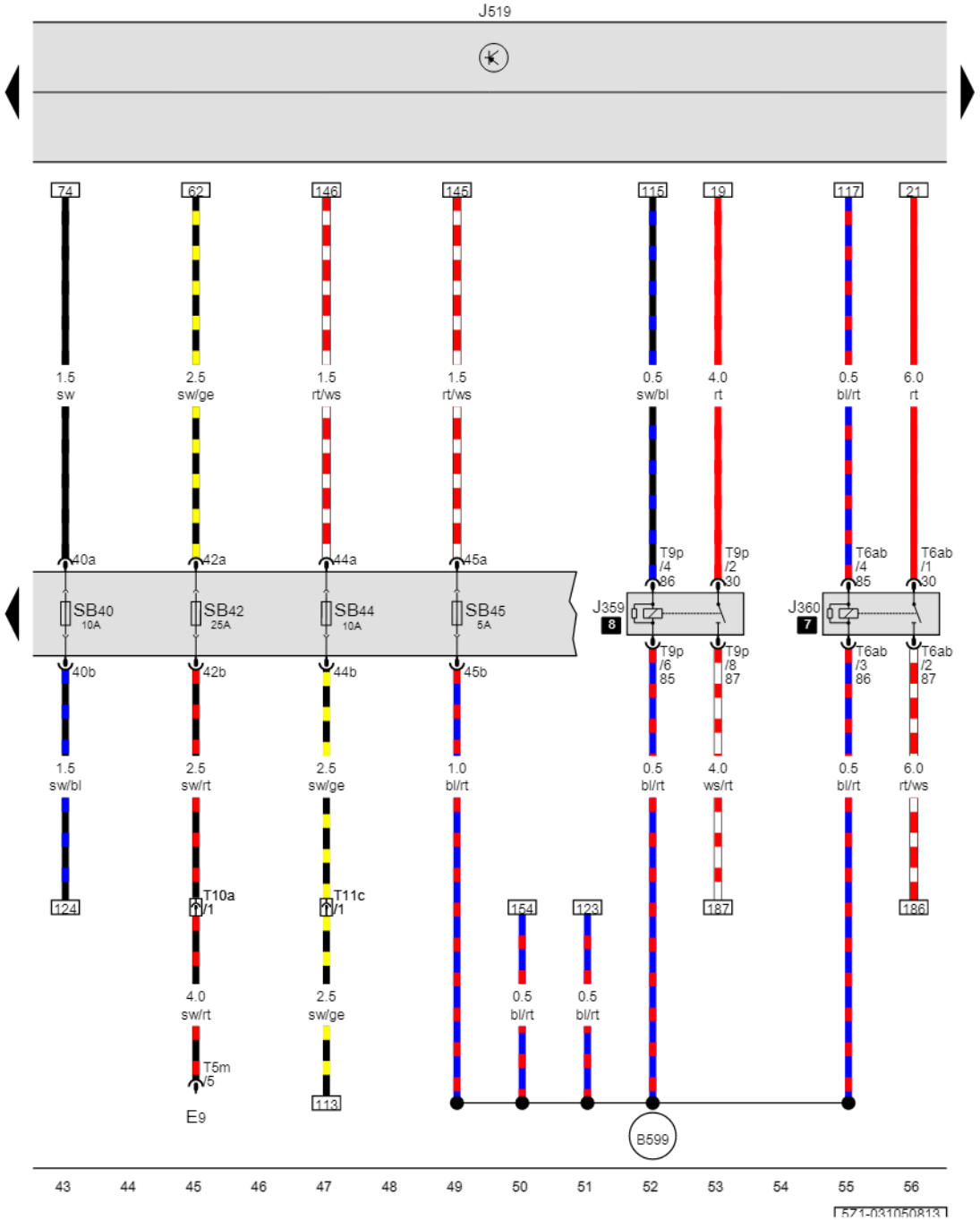


Onboard supply control unit

J519	Onboard supply control unit
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB33	Fuse 33 on fuse holder B
SB34	Fuse 34 on fuse holder B
SB38	Fuse 38 on fuse holder B
T16a	16-pin connector
B172	Positive connection 4 (30), in interior wiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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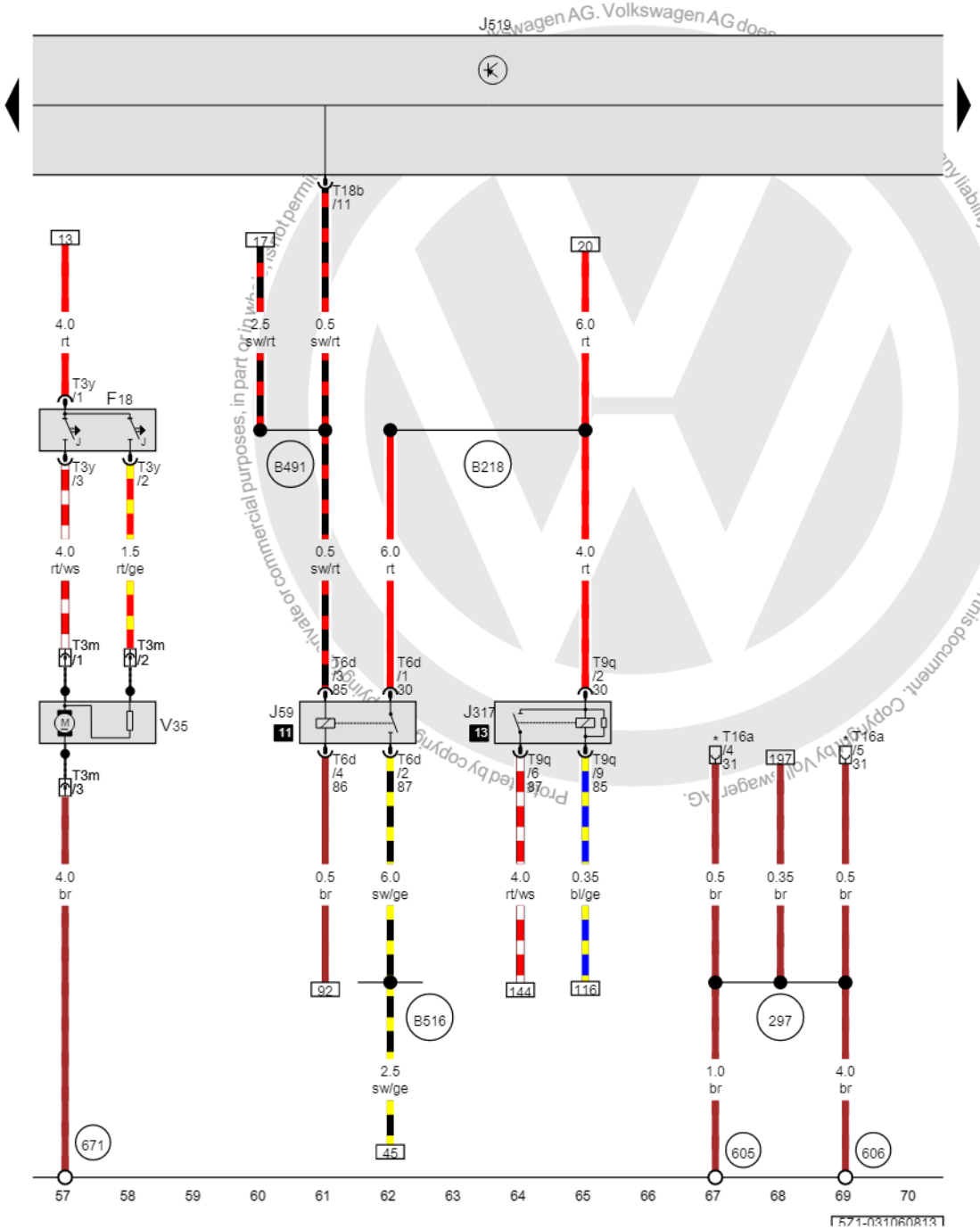


Low heat output relay, High heat output relay, Onboard supply control unit

E9	Fresh air blower switch
J359	Low heat output relay
J360	High heat output relay
J519	Onboard supply control unit
SB40	Fuse 40 on fuse holder B
SB42	Fuse 42 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
T5m	5-pin connector
T6ab	6-pin connector
T9p	9-pin connector
T10a	10-pin connector, behind dash panel, right
T11c	11-pin connector, on left in plenum chamber
B599	Positive connection 3 (87a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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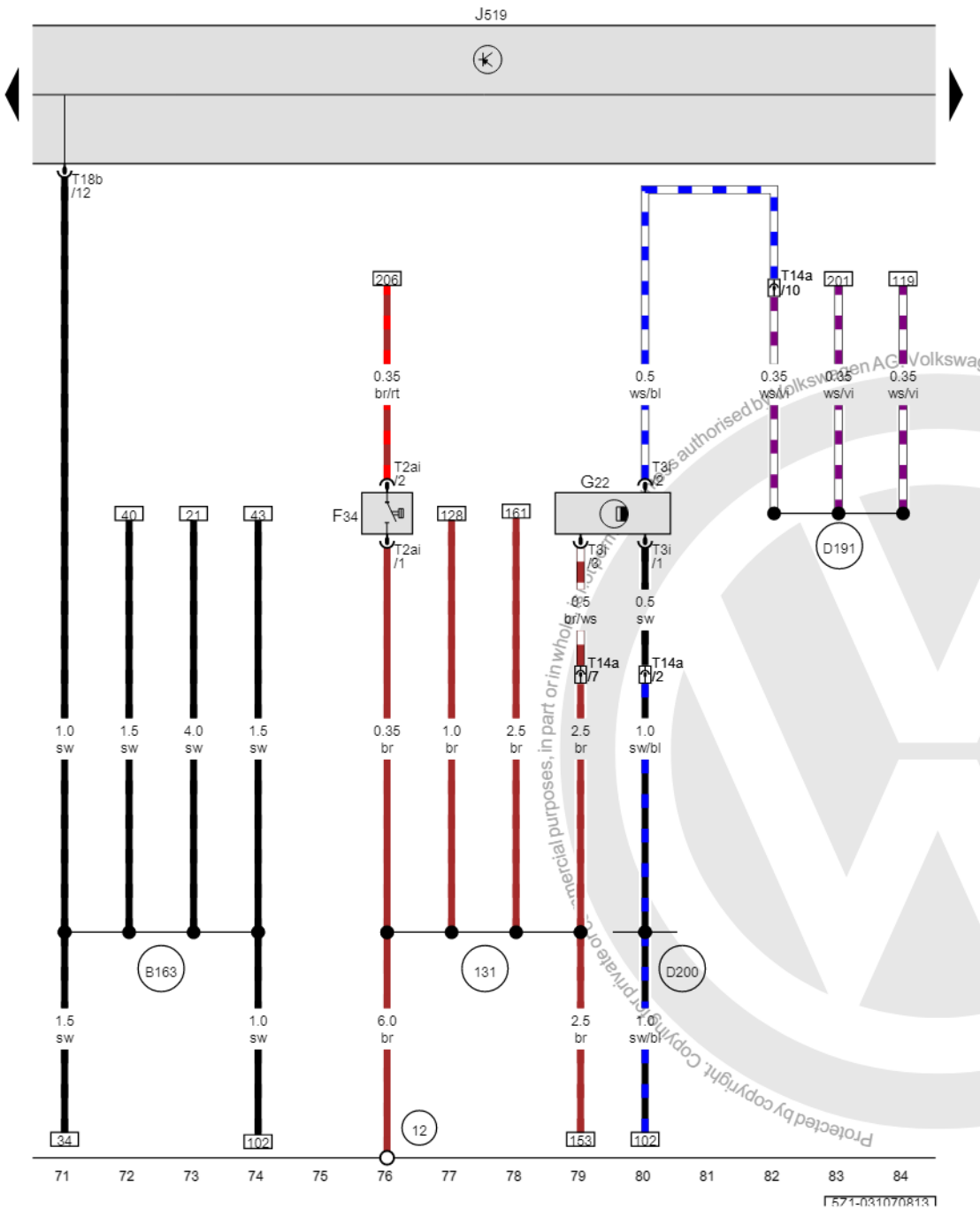


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Radiator fan thermal switch, X-contact relief relay, Terminal 30 voltage supply relay, Onboard supply control unit, Right radiator fan

F18	Radiator fan thermal switch
J59	X-contact relief relay
J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
T3m	3-pin connector, on radiator fan
T3y	3-pin connector
T6d	6-pin connector
T9q	9-pin connector
T16a	16-pin connector
T18b	18-pin connector
V35	Right radiator fan
297	Earth connection 12, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near gear stick
671	Earth point 1, on front of left longitudinal member
B218	Positive connection 6 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
*	Diagnostic connection

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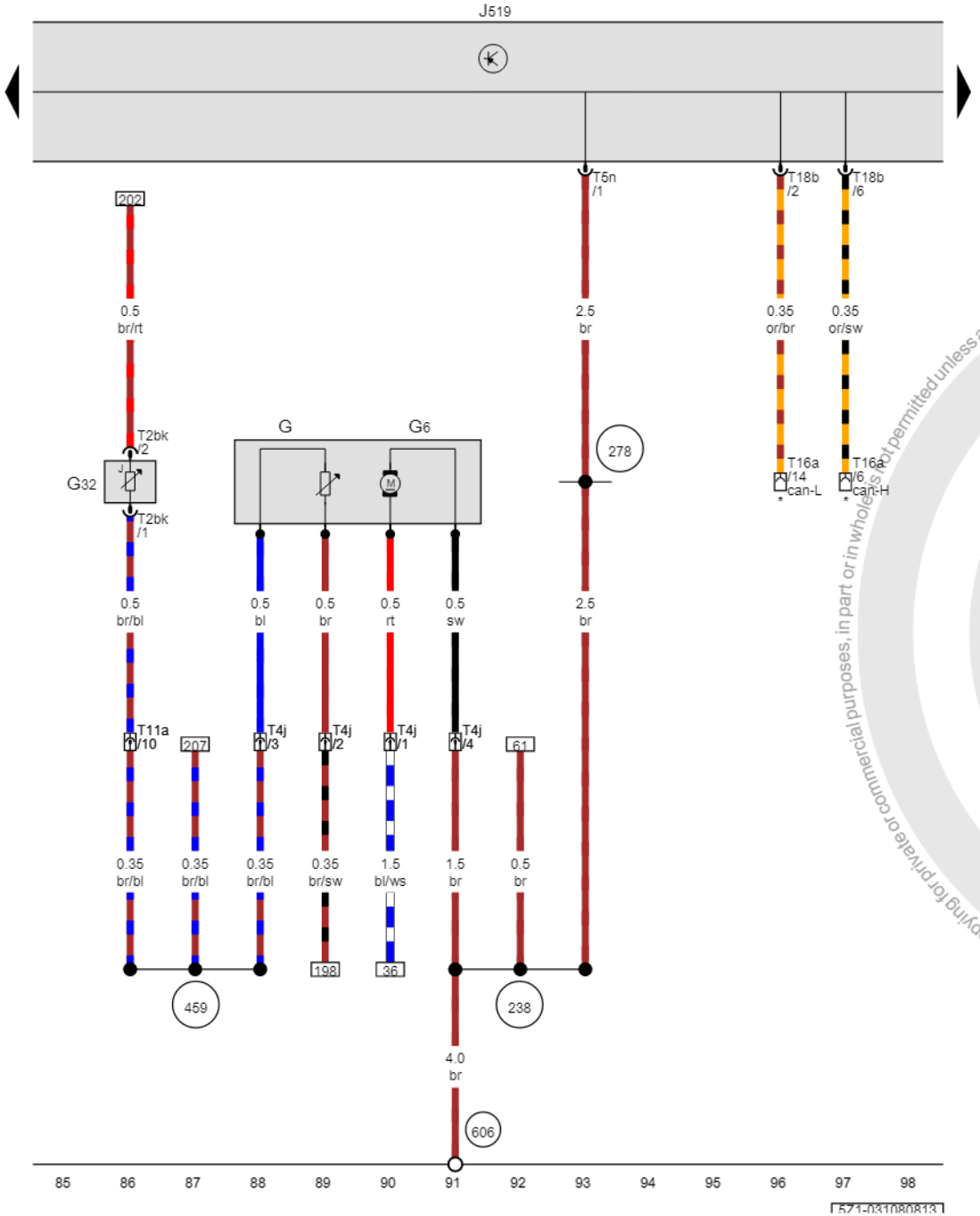


Brake fluid level warning contact, Speedometer sender, Onboard supply control unit

F34	Brake fluid level warning contact
G22	Speedometer sender
J519	Onboard supply control unit
T2ai	2-pin connector
T3i	3-pin connector
T14a	14-pin connector, on left in engine compartment
T18b	18-pin connector
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
B163	Positive connection 1 (15), in interior wiring harness
D191	Speed sender connection, in engine compartment wiring harness
D200	Positive connection 3 (15a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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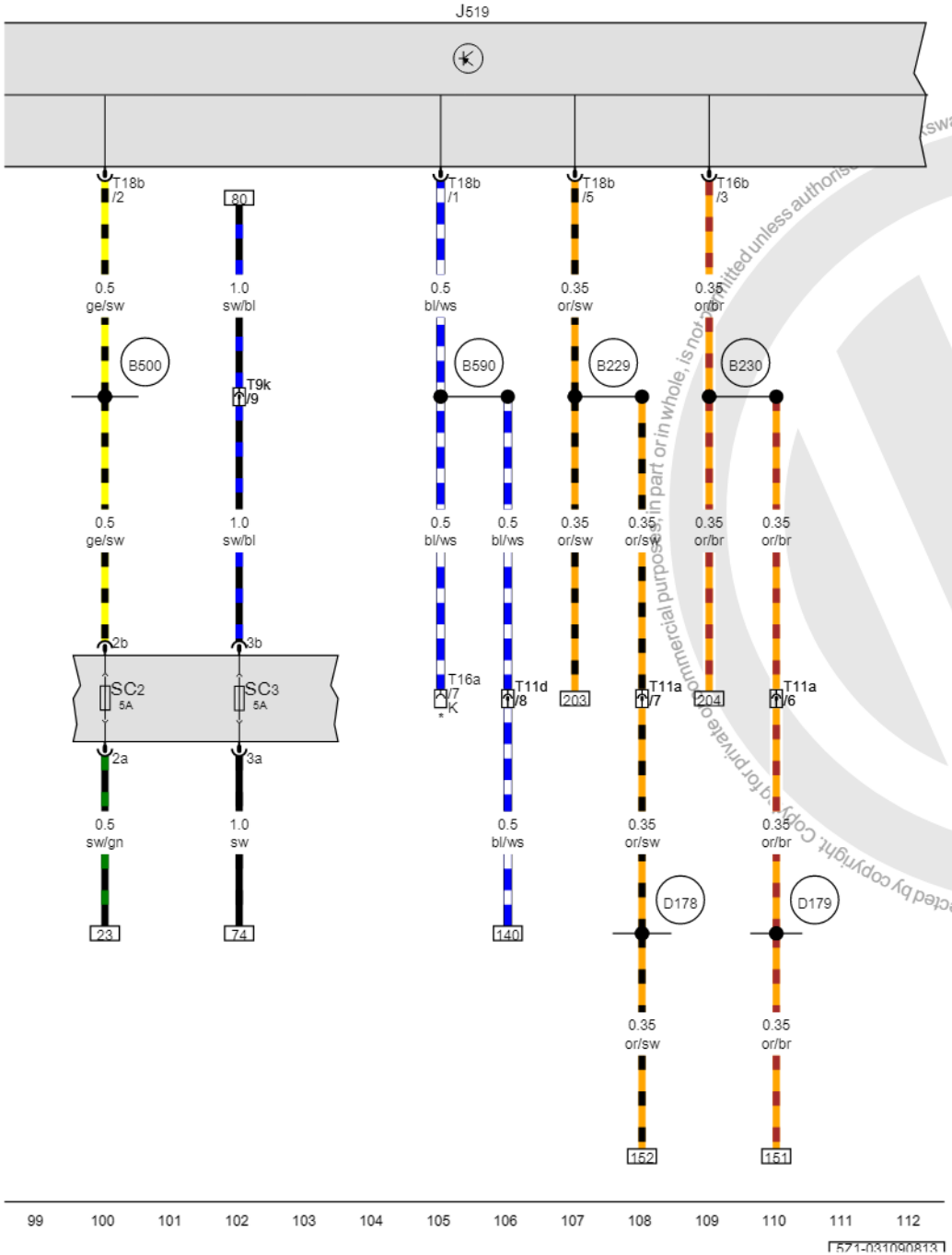


Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Onboard supply control unit

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
T2bk	2-pin connector
T4j	4-pin connector
T5n	5-pin connector
T11a	11-pin connector, on left in plenum chamber
T16a	16-pin connector
T18b	18-pin connector
238	Earth connection 1, in interior wiring harness
278	Earth connection 4, in interior wiring harness
459	Earth connection 15, in interior wiring harness
606	Earth point, under the centre console near gear stick
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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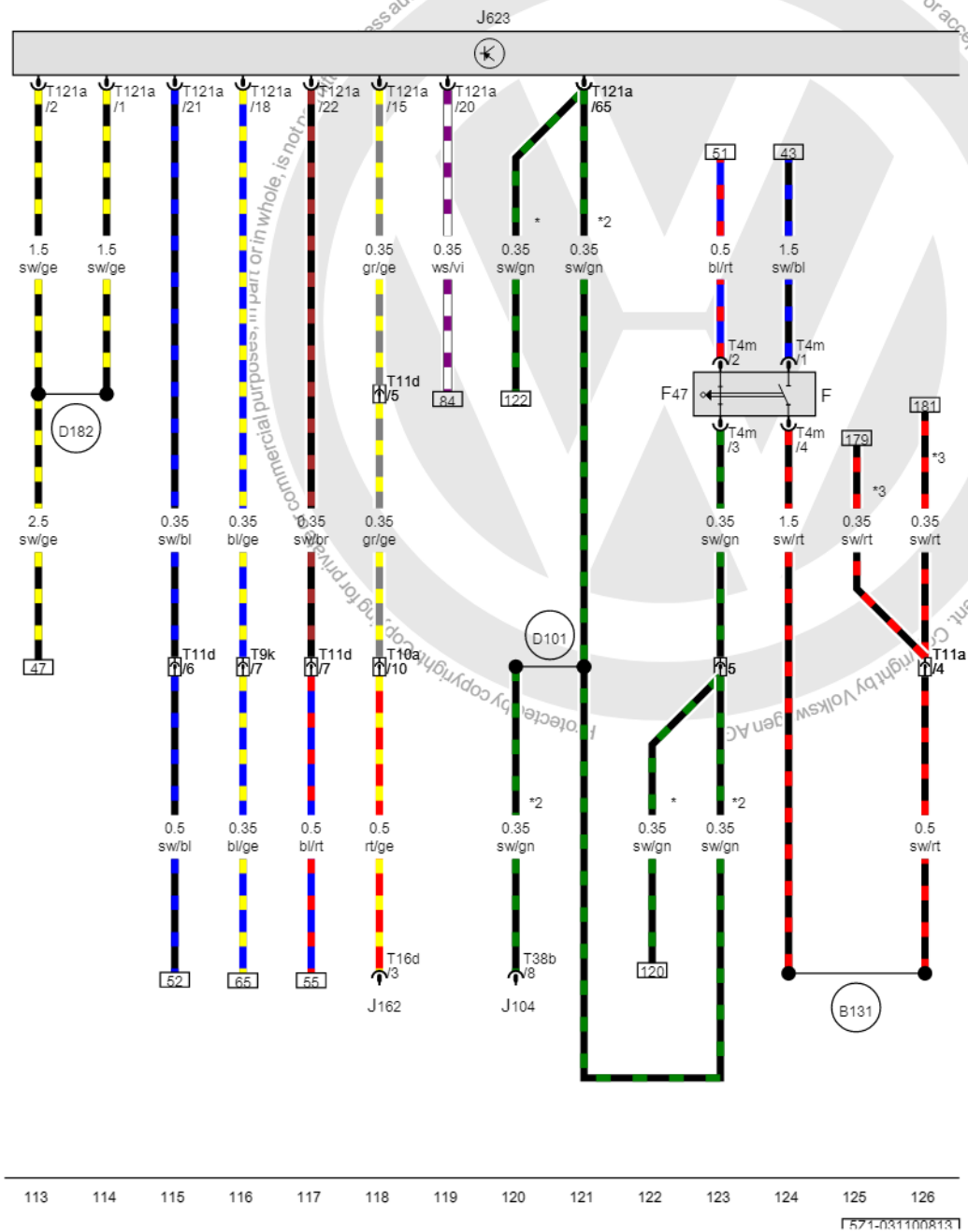
Onboard supply control unit

J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
T9k	9-pin connector, on left in plenum chamber
T11a	11-pin connector, on left in plenum chamber
T11d	11-pin connector, on left in plenum chamber
T16a	16-pin connector
T16b	16-pin connector
T18b	18-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B500	Connection (86s), in interior wiring harness
B590	K-diagnosis wire connection, in interior wiring harness
D178	Connection 2 (high bus), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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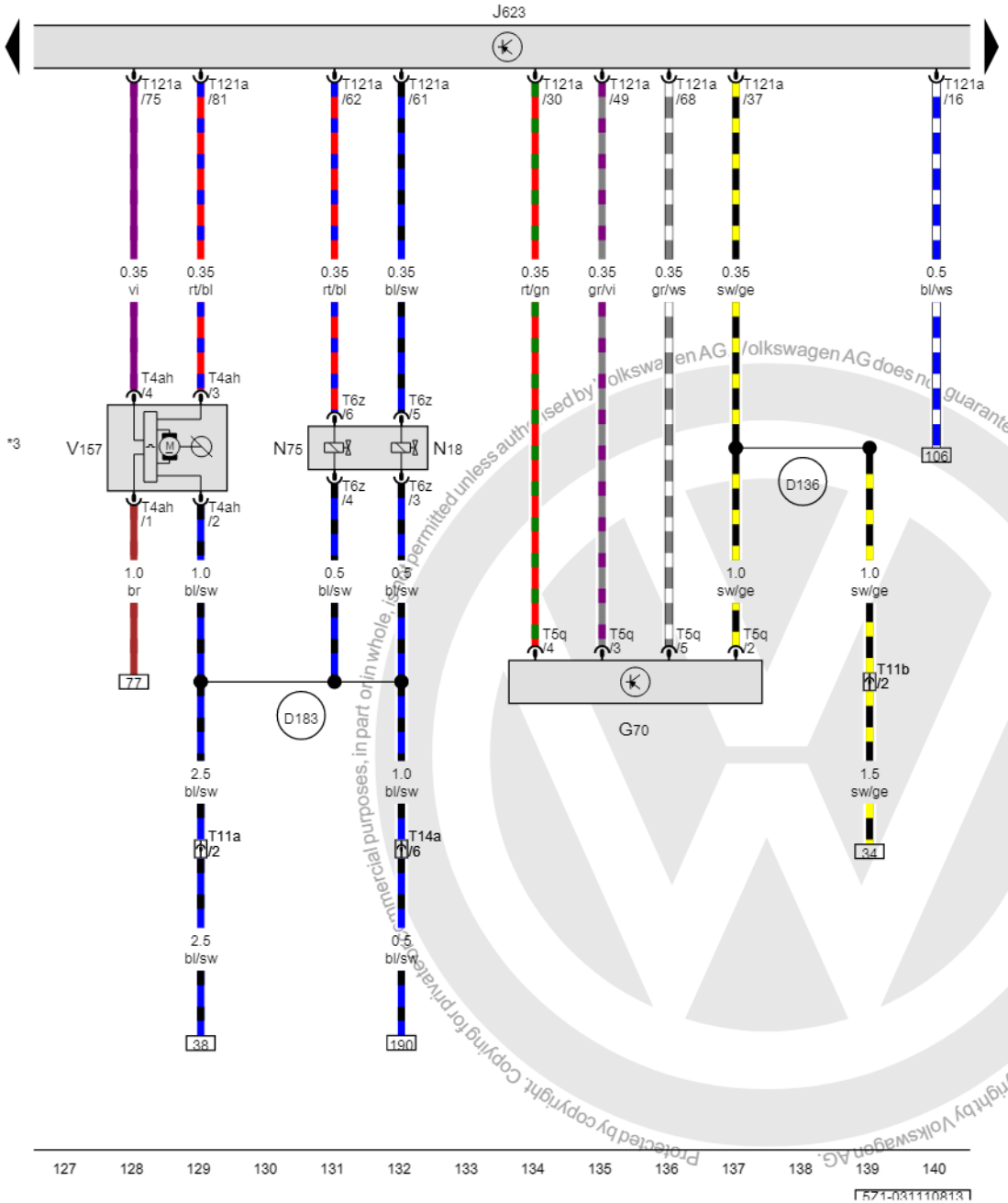
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Brake light switch, Brake pedal switch, Engine control unit

F	Brake light switch
F47	Brake pedal switch
J104	ABS control unit
J162	Heater control unit
J623	Engine control unit
T4m	4-pin connector
T9k	9-pin connector, on left in plenum chamber
T10a	10-pin connector, behind dash panel, right
T11a	11-pin connector, on left in plenum chamber
T11d	11-pin connector, on left in plenum chamber
T16d	16-pin connector
T38b	38-pin connector
T121a	121-pin connector
B131	Connection (54), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D182	Connection 3 (87a) in engine compartment wiring harness
*	Only models with no electronic stabilisation program (ESP)
*2	Only models with electronic stabilisation program (ESP)
*3	Only models with ABS

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

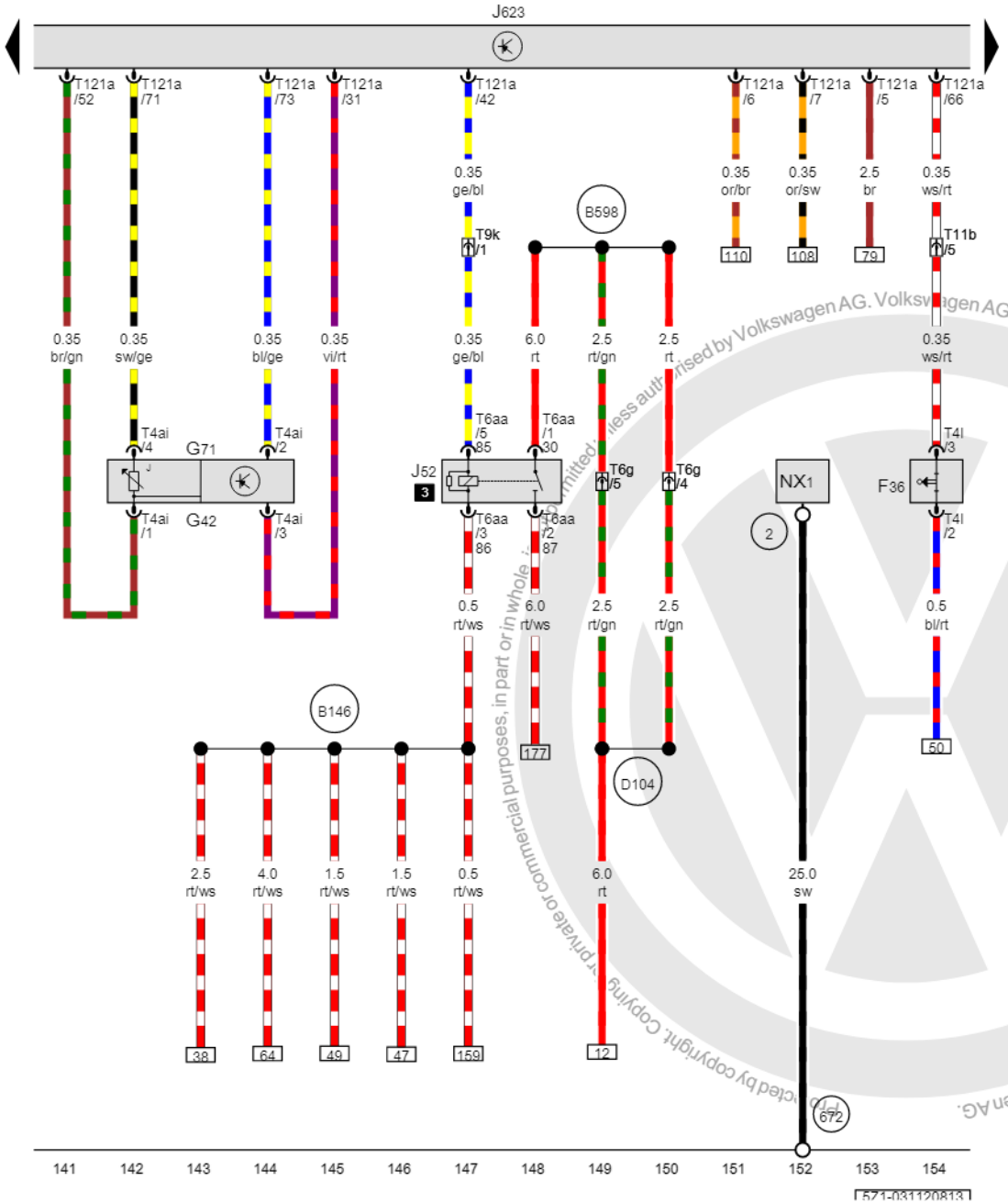


Air mass meter, Engine control unit, Exhaust gas recirculation valve, Charge pressure control solenoid valve, Intake manifold flap motor

G70	Air mass meter
J623	Engine control unit
N18	Exhaust gas recirculation valve
N75	Charge pressure control solenoid valve
T4ah	4-pin connector
T5q	5-pin connector
T6z	6-pin connector
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T121a	121-pin connector
V157	Intake manifold flap motor
D136	Positive connection 2 (15a), in engine compartment wiring harness
D183	Connection 4 (87a) in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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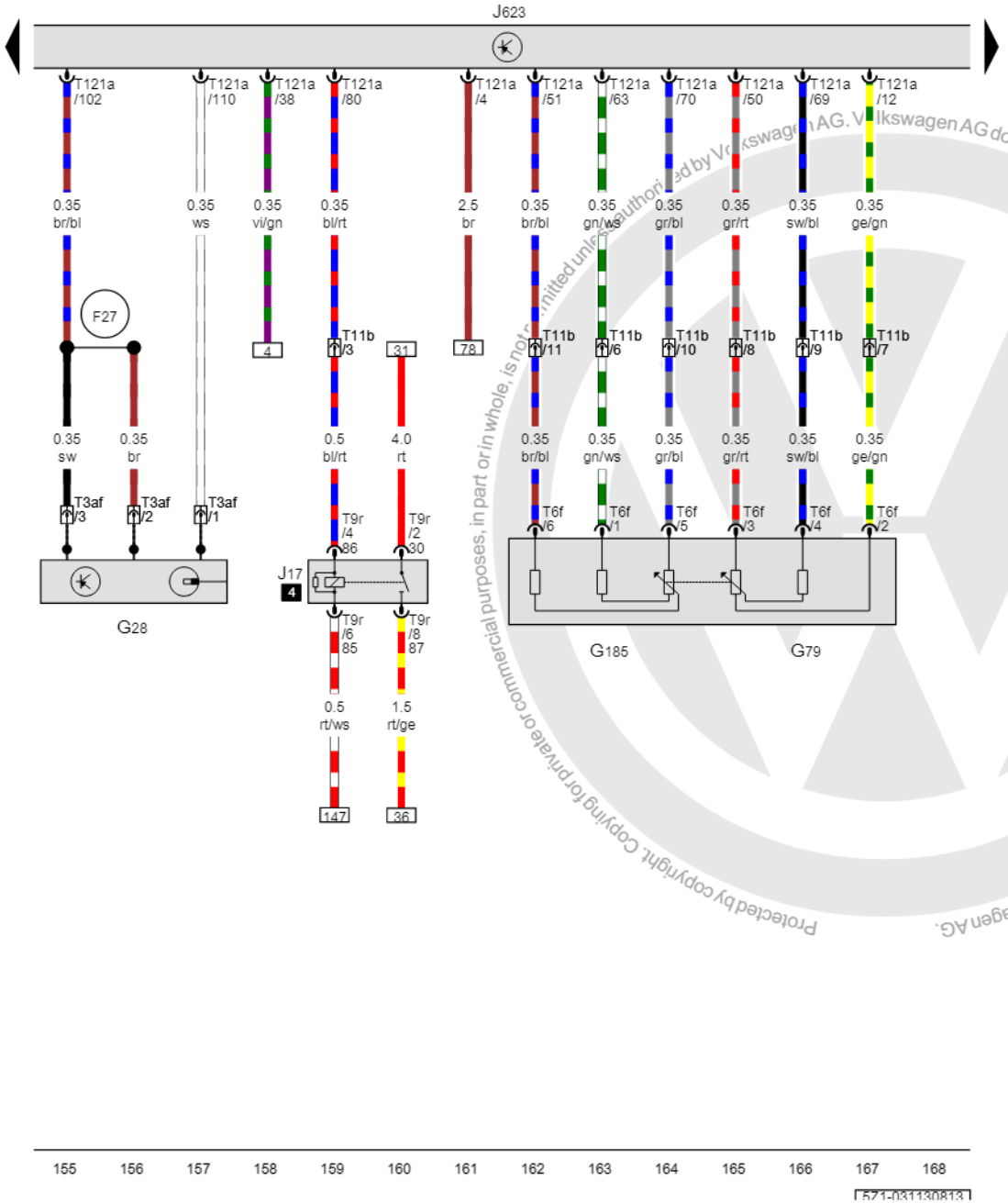


Clutch pedal switch, Intake air temperature sender, Intake manifold pressure sender, Glow plug relay, Engine control unit, Gearbox

F36	Clutch pedal switch
G42	Intake air temperature sender
G71	Intake manifold pressure sender
J52	Glow plug relay
J623	Engine control unit
NX1	Gearbox
T4ai	4-pin connector
T4l	4-pin connector
T6aa	6-pin connector
T6g	6-pin connector, on left in plenum chamber
T9k	9-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T121a	121-pin connector
2	Earth strap, gearbox - body
672	Earth point 2, on front of left longitudinal member
B146	Positive connection 1 (87), in interior wiring harness
B598	Positive connection 11 (30a), in interior wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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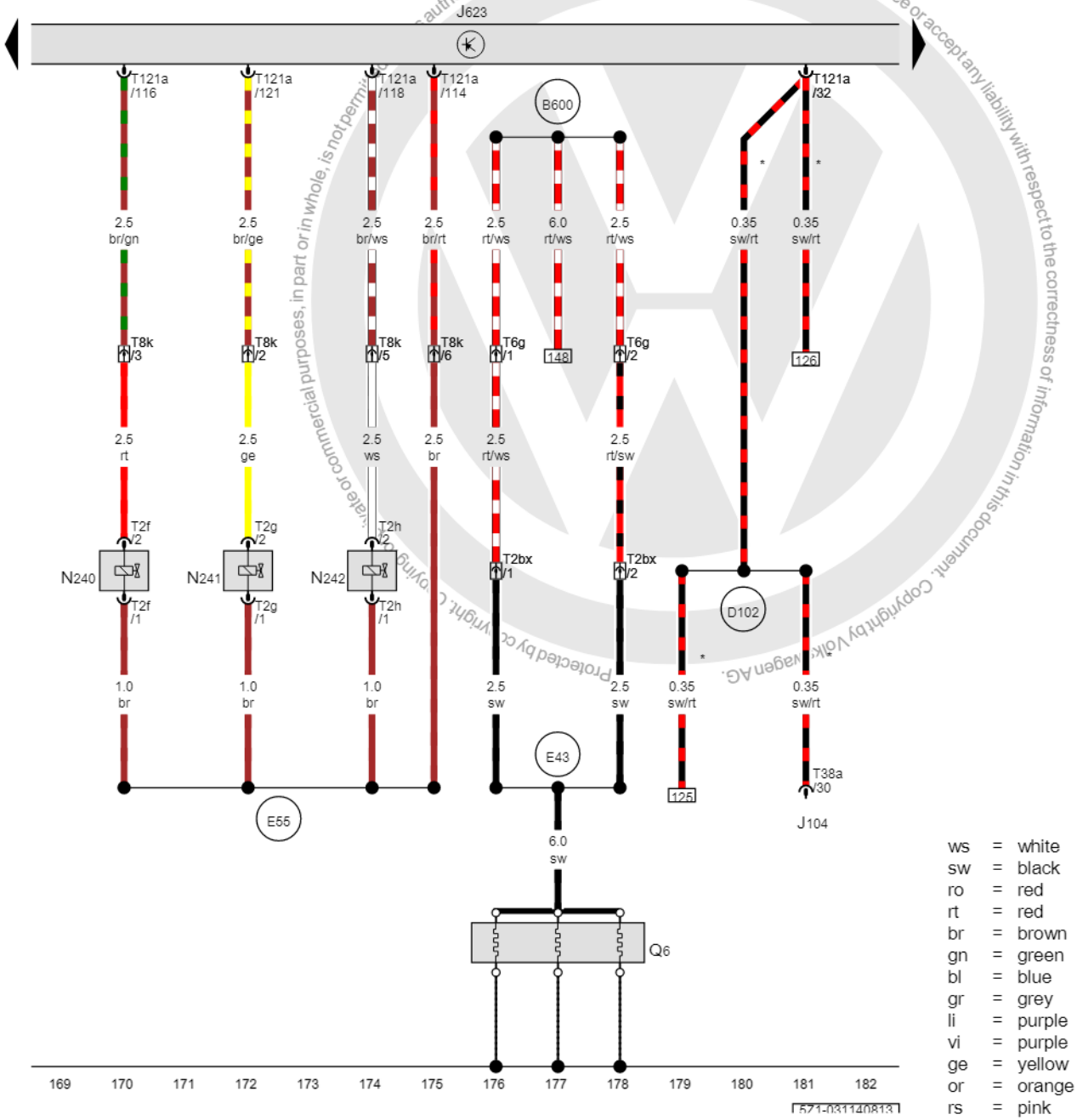


Engine speed sender, Accelerator position sender, Accelerator position sender 2, Fuel pump relay, Engine control unit

G28	Engine speed sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J17	Fuel pump relay
J623	Engine control unit
T3af	3-pin connector
T6f	6-pin connector
T9r	9-pin connector
T11b	11-pin connector, on left in plenum chamber
T121a	121-pin connector
F27	Connection (screening), in diesel direct injection wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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sw = black
ro = red
rt = red
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gn = green
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gr = grey
li = purple
vi = purple
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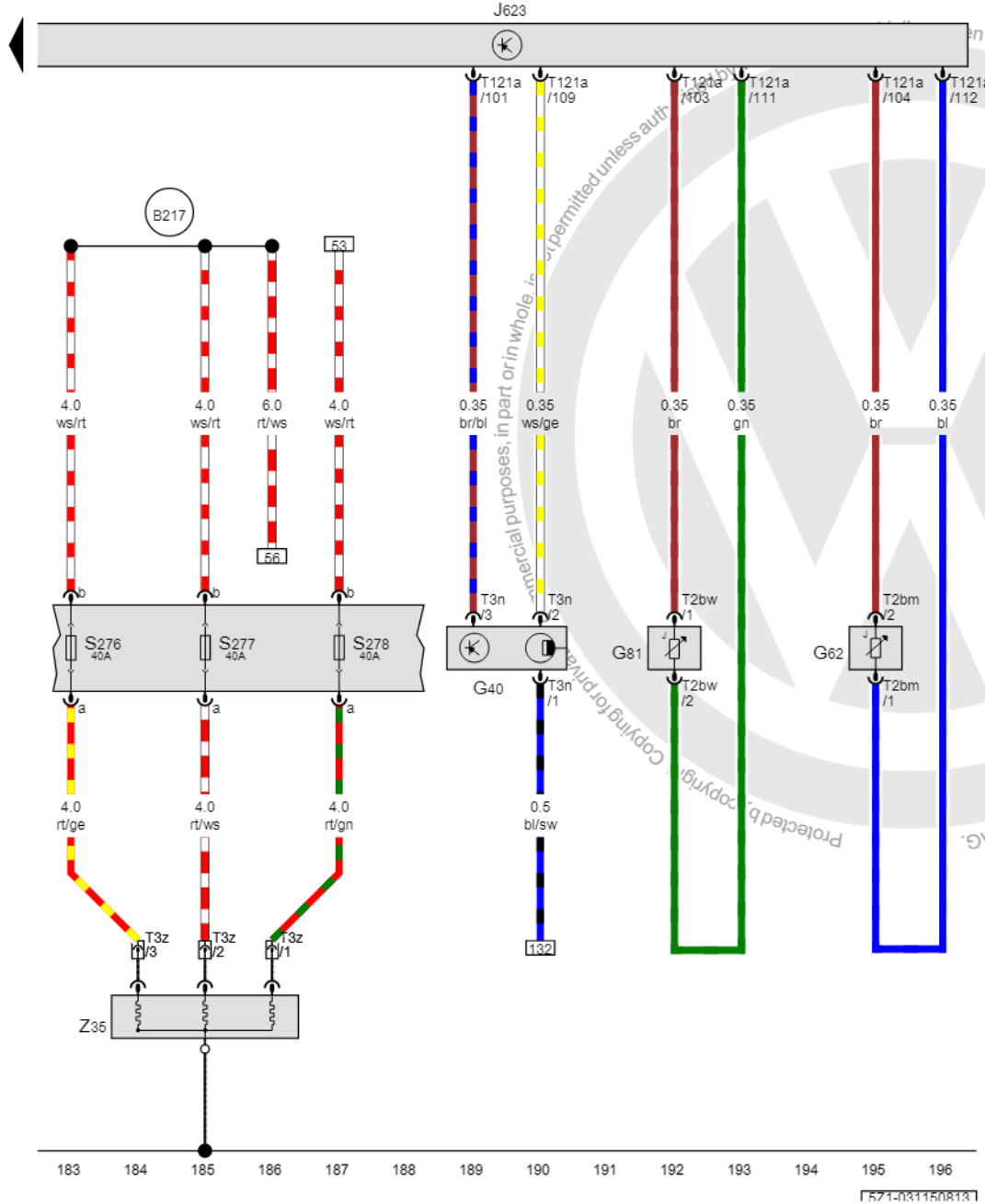
Engine control unit, Unit injector valve, No. 1 cyl., Unit injector valve, No. 2 cyl., Unit injector valve, No. 3 cyl., Engine glow plug

J104	ABS control unit
J623	Engine control unit
N240	Unit injector valve, No. 1 cyl.
N241	Unit injector valve, No. 2 cyl.
N242	Unit injector valve, No. 3 cyl.
Q6	Engine glow plug
T2bx	2-pin connector, on left in engine compartment
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T8k	8-pin connector, in engine compartment
T38a	38-pin connector
T121a	121-pin connector
B600	Positive connection 4 (87a), in interior wiring harness
D102	Connection 2 in engine compartment wiring harness
E43	Connection (87), in injection system wiring harness
E55	Connection 2 (injectors), in injection system wiring harness
*	Only models with ABS

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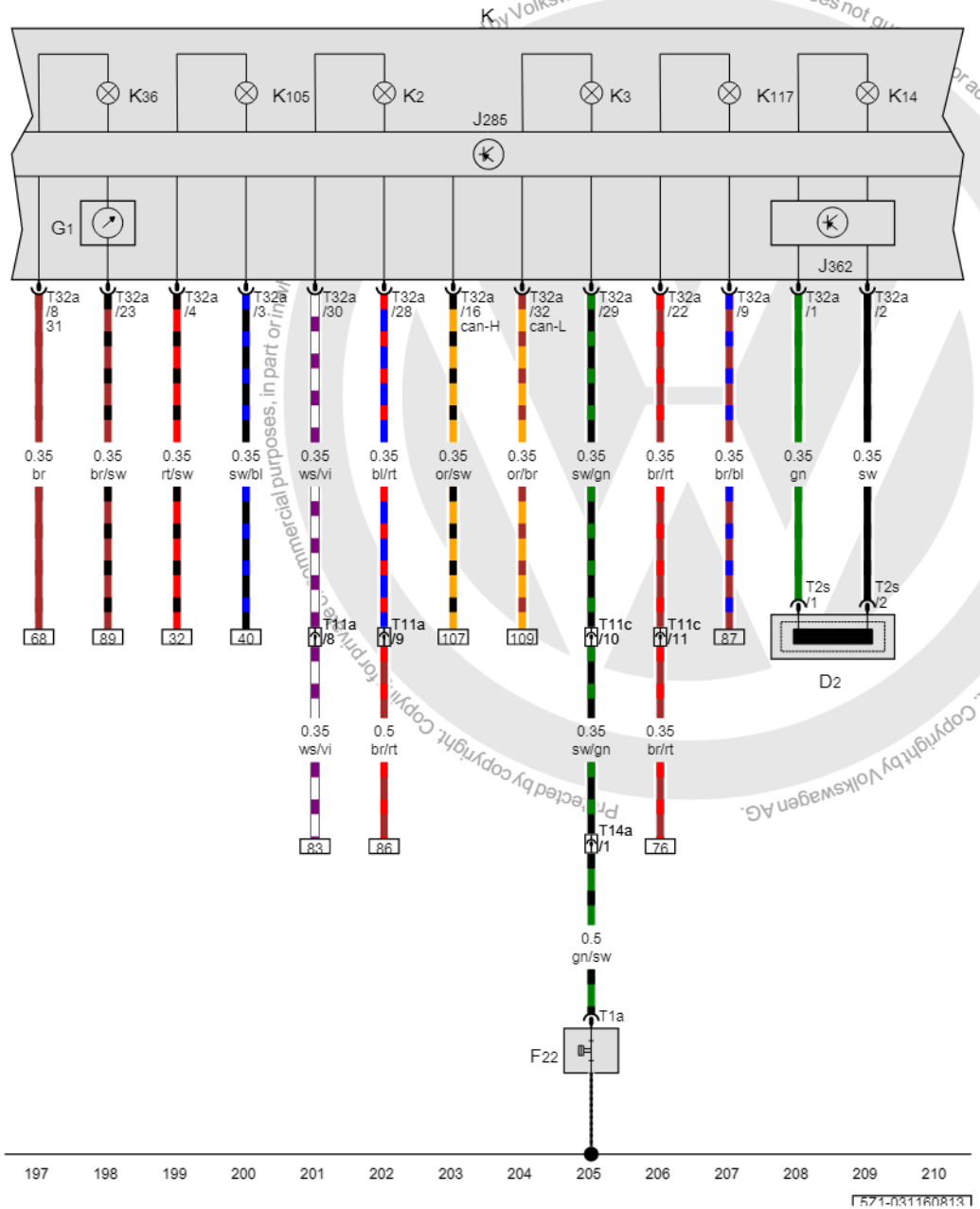
Hall sender, Coolant temperature sender, Fuel temperature sender, Engine control unit, Auxiliary air heater element

G40	Hall sender
G62	Coolant temperature sender
G81	Fuel temperature sender
J623	Engine control unit
S276	Heater element fuse 1
S277	Heater element fuse 2
S278	Heater element fuse 3
T2bm	2-pin connector
T2bw	2-pin connector
T3n	3-pin connector
T3z	3-pin connector
T121a	121-pin connector
Z35	Auxiliary air heater element
B217	Connection (auxiliary heater), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Immobiliser reader coil, Oil pressure switch, Fuel gauge, Control unit in dash panel insert, Immobiliser control unit, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Handbrake warning lamp

D2	Immobiliser reader coil
F22	Oil pressure switch
G1	Fuel gauge
J285	Control unit in dash panel insert
J362	Immobiliser control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K14	Handbrake warning lamp
K36	Coolant shortage warning lamp
K105	Reserve fuel warning lamp
K117	Immobiliser warning lamp
T1a	Single connector
T2s	2-pin connector
T11a	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T32a	32-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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Windscreen wiper and washer system and rear window wiper and washer system / heated rear window (Europe)

from November 2004, up to April 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

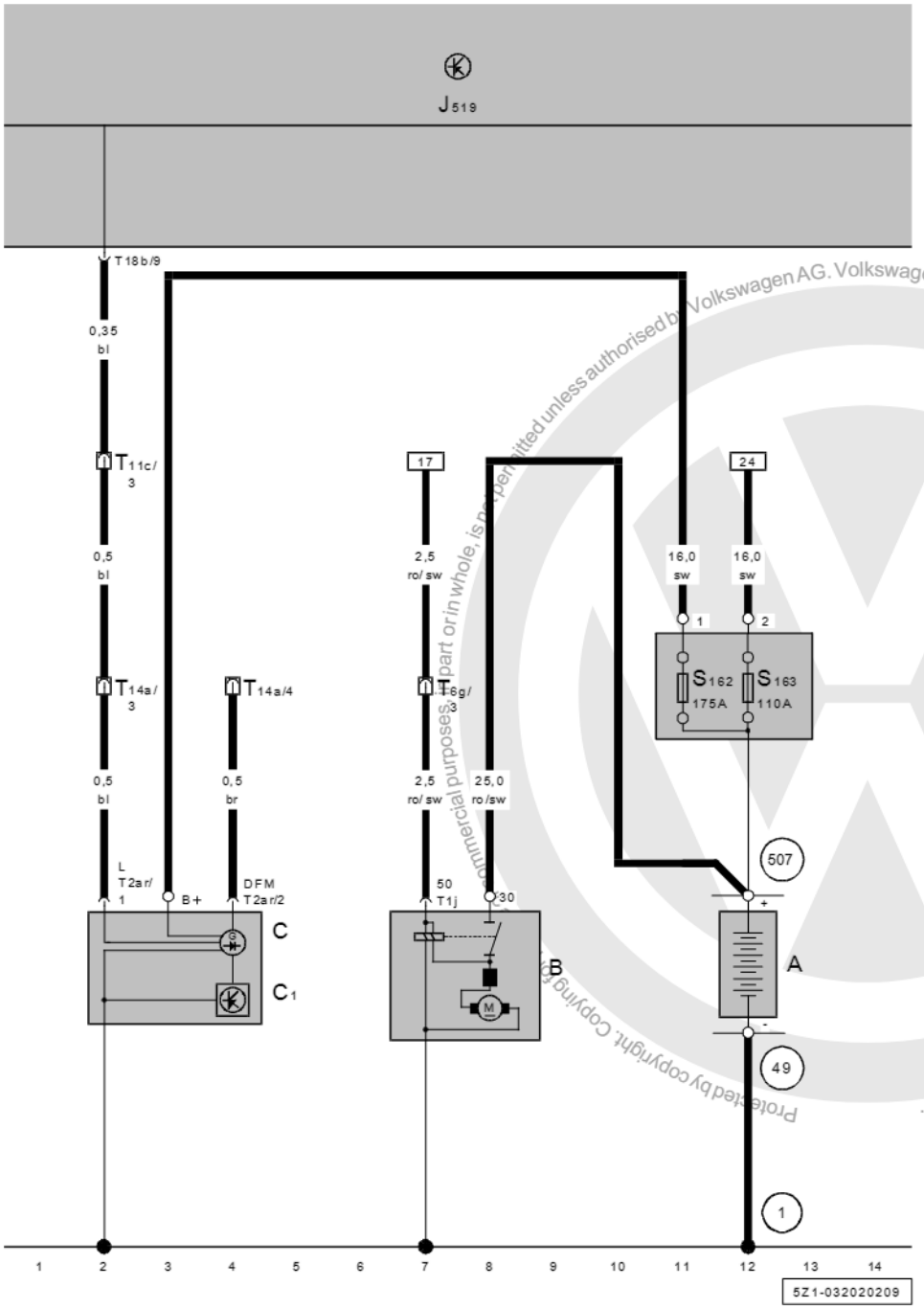
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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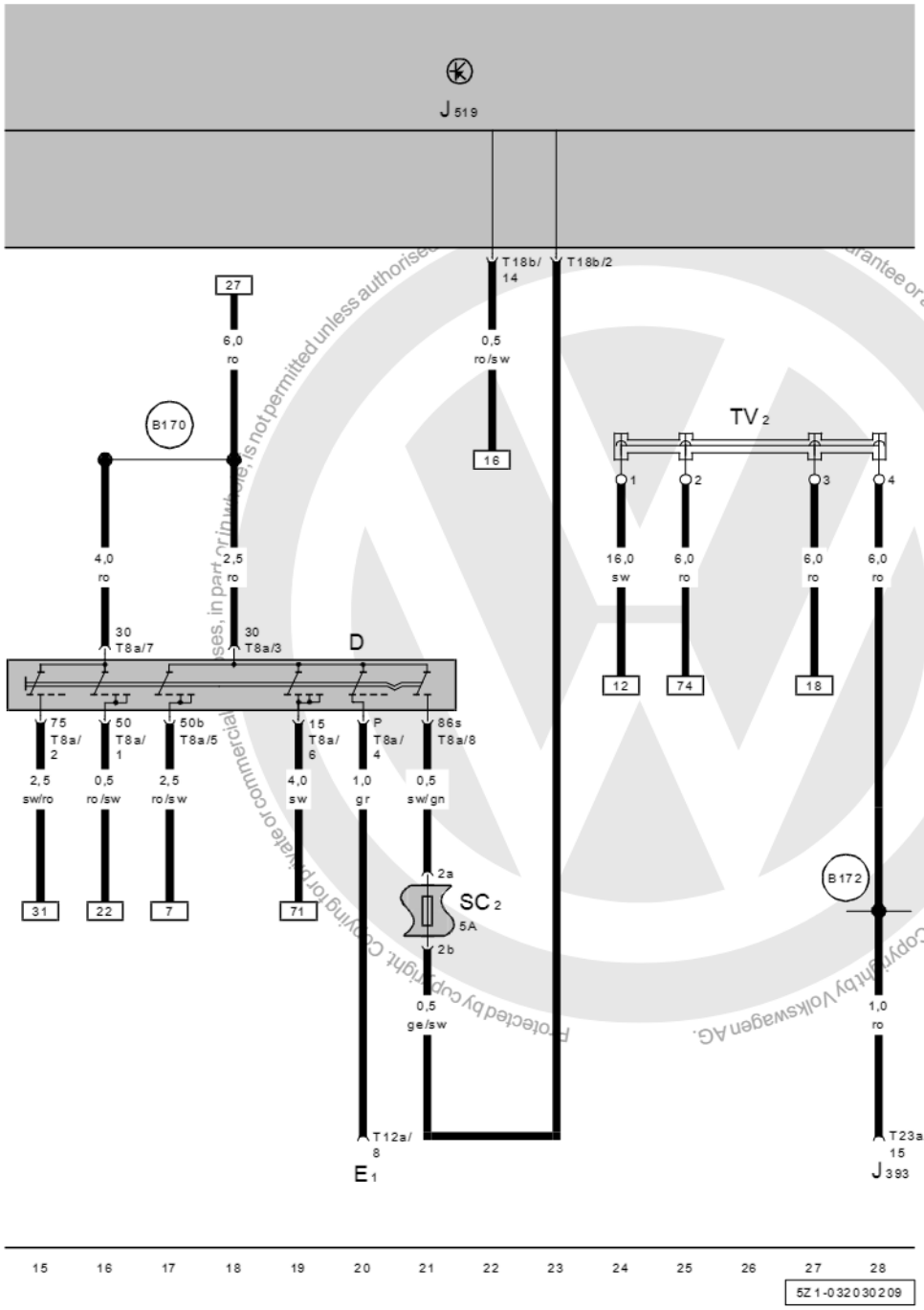


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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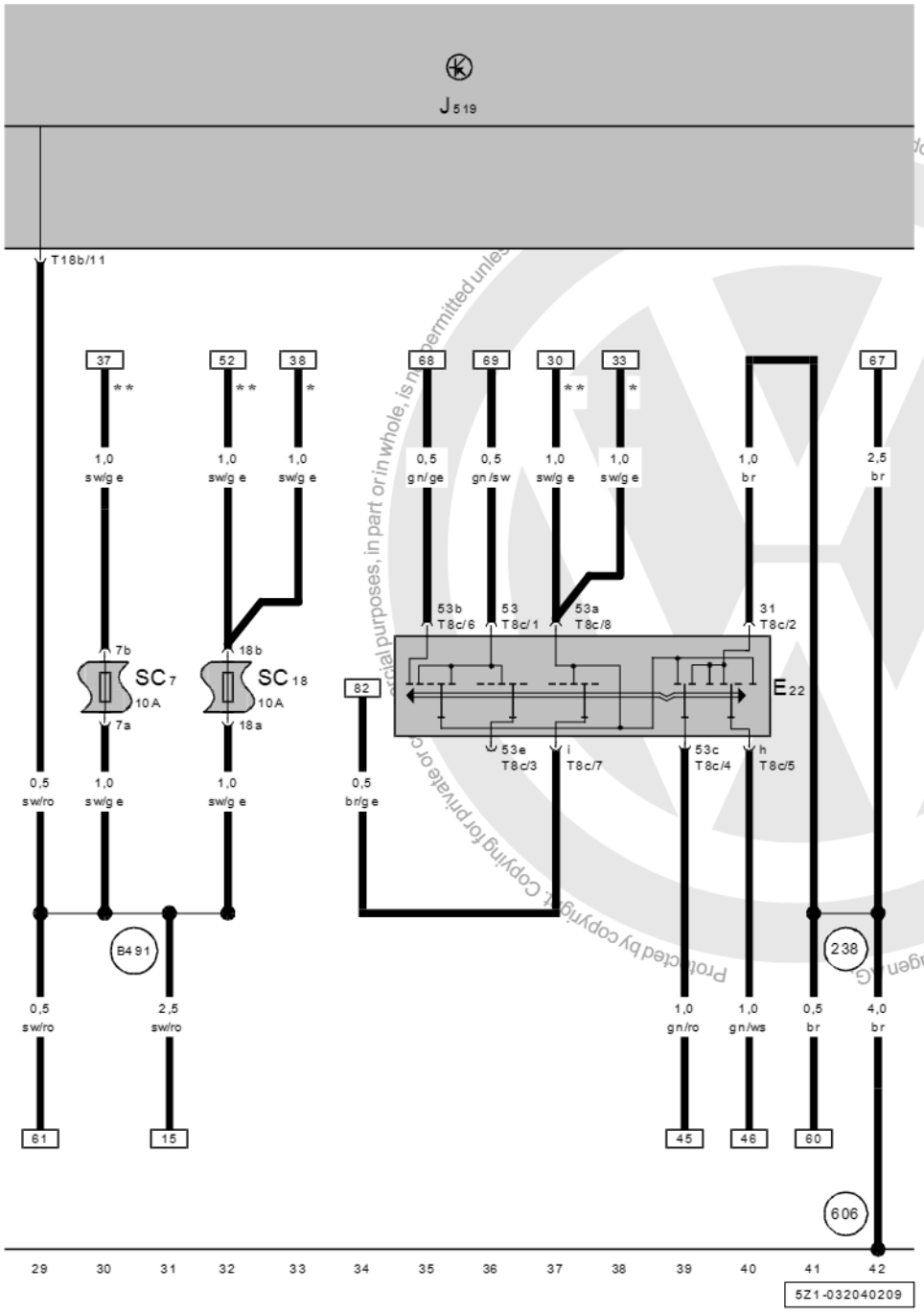


Ignition/starter switch, onboard supply control unit, terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J393	Convenience system central control unit
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector, on ignition/starter switch
T12a	12-pin connector, on light switch
T18b	18-pin connector, on onboard supply control unit
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B170	Positive connection 1 (30a), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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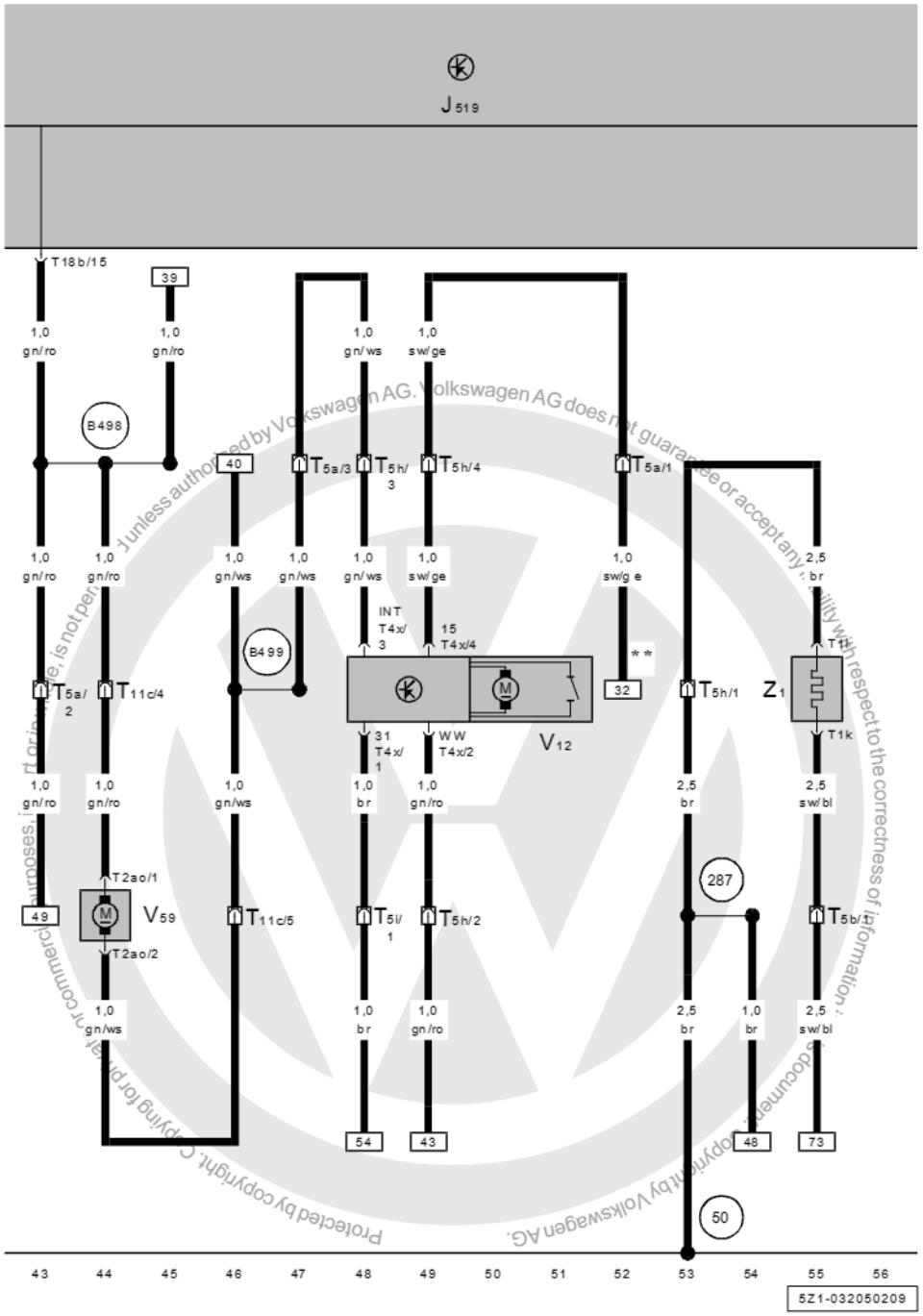


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Intermittent wiper switch, onboard supply control unit

E22	Intermittent wiper switch
J519	Onboard supply control unit
SC7	Fuse 7 on fuse holder C
SC18	Fuse 18 on fuse holder C
T8c	8-pin connector, on intermittent wiper switch
T18b	18-pin connector, on onboard supply control unit
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B491	Positive connection (75), in interior wiring harness
*	for models up to 10.03.06 only
**	for models from 10.03.06 only

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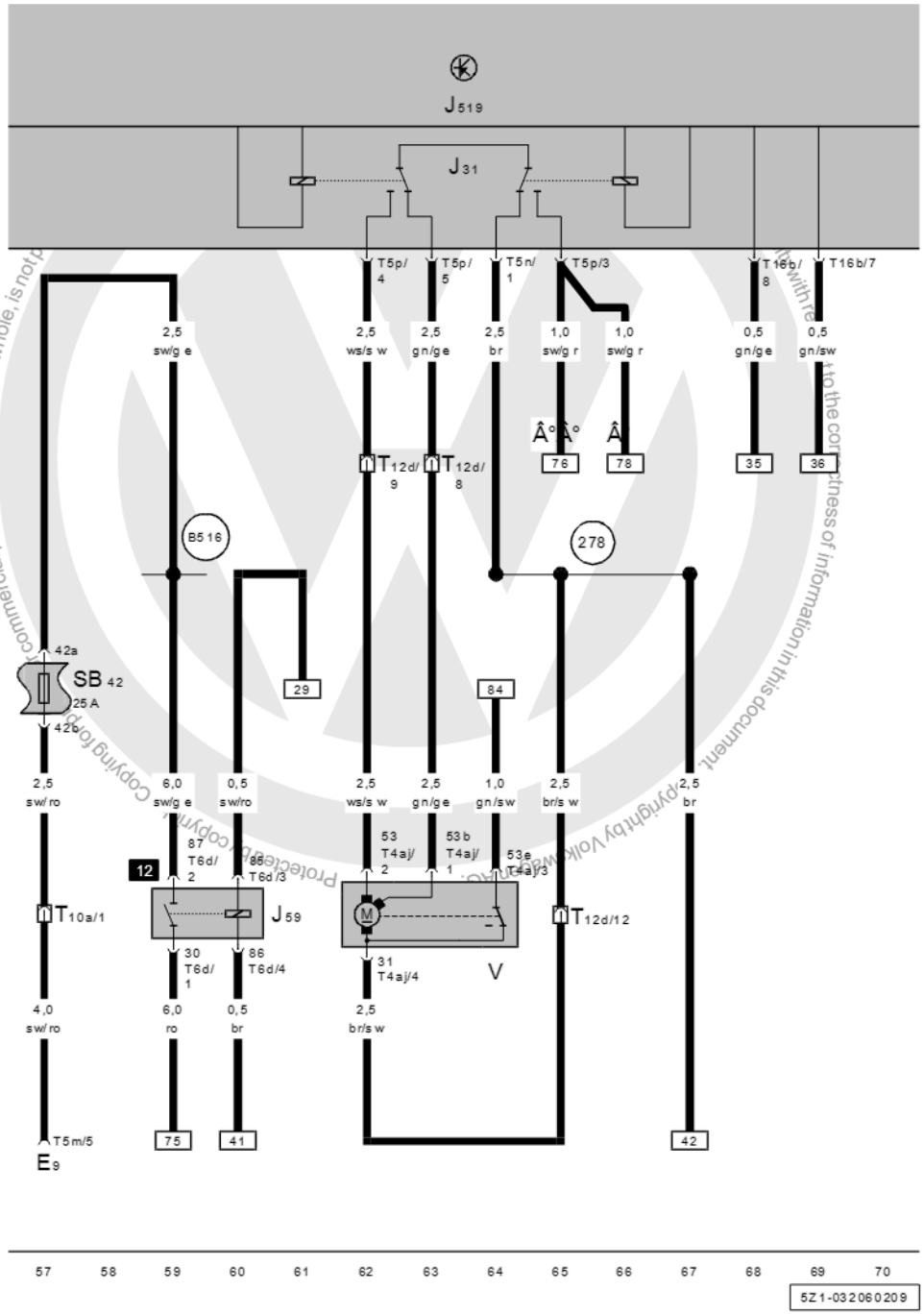


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Onboard supply control unit, rear window wiper motor, windscreen and rear window washer pump, heated rear window

J519	Onboard supply control unit
T1k	Single connector, on heated rear window
T1l	Single connector, on heated rear window
T2ao	2-pin connector, on windscreen and rear window washer pump
T4x	4-pin connector, on rear window wiper motor
T5a	5-pin connector, behind side trim on rear left, near wheel arch
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T5h	5-pin connector, in rear lid
T5i	5-pin connector, in rear lid
T11c	11-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
Z1	Heated rear window
50	Earth points, on left in luggage compartment
287	Earth connection, in rear lid feeder wiring harness
B498	Connection 1 (53c), in interior wiring harness
B499	Connection 2 (53c), in interior wiring harness
**	for models from 10.03.06 only

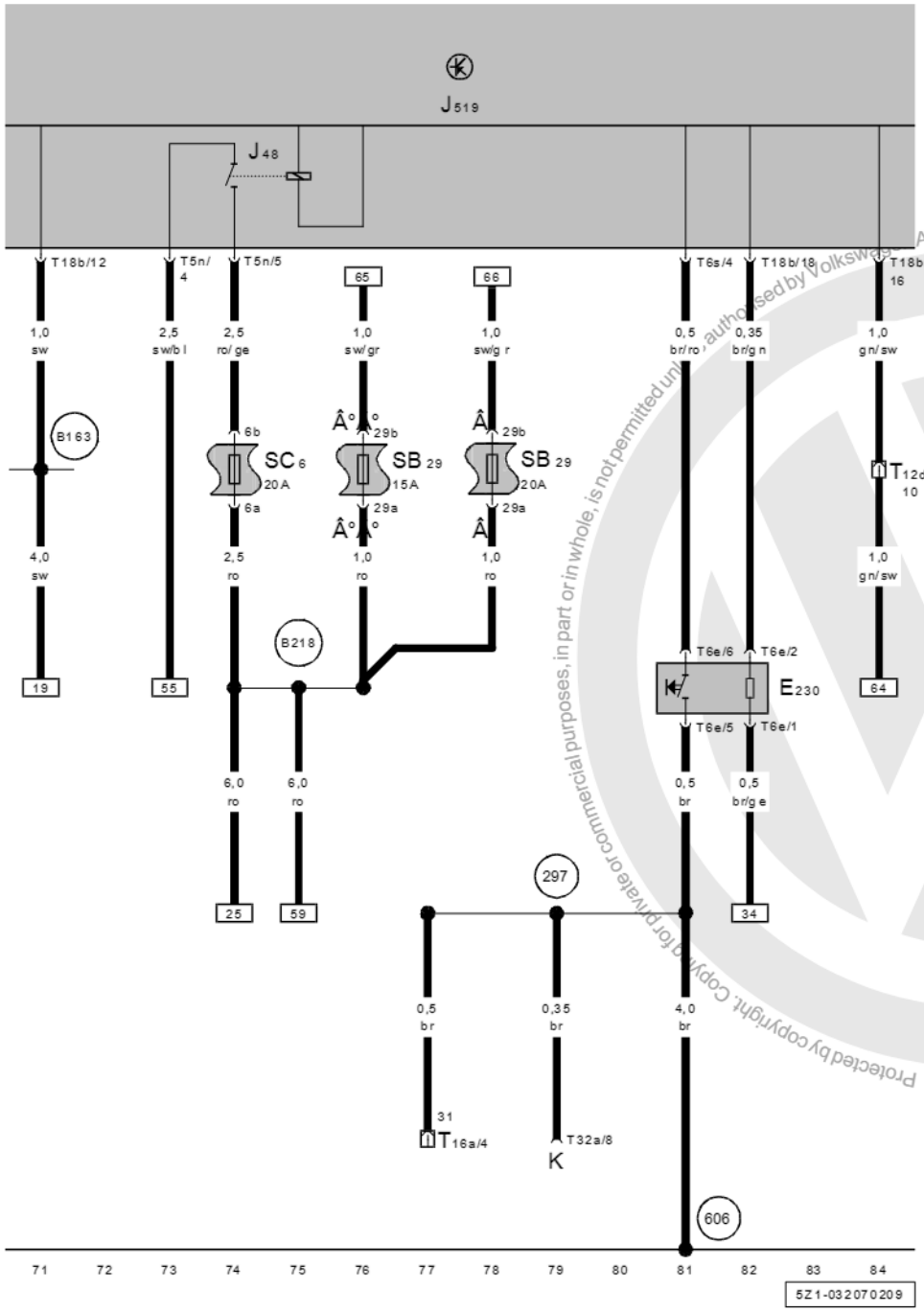
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Automatic intermittent wash and wipe relay, X-contact relief relay, onboard supply control unit, windscreen wiper motor

E9	Fresh air blower switch
J31	Automatic intermittent wash and wipe relay
J59	X-contact relief relay
J519	Onboard supply control unit
SB42	Fuse 49 on fuse holder B
T4aj	4-pin connector, on windscreen wiper motor
T5m	5-pin connector, on fresh air blower switch
T5n	5-pin connector, on onboard supply control unit
T5p	5-pin connector, on onboard supply control unit
T6d	6-pin connector, on X-contact relief relay
T10a	10-pin connector, behind right dash panel
T12d	12-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
V	Windscreen wiper motor
278	Earth connection 4, in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
°	for models from 30/06/2009 only
°°	for models up to 30/06/2009 only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink



Heated rear window switch, heated rear window control relay, onboard supply control unit

E230	Heated rear window switch
J48	Heated rear window control relay
J519	Onboard supply control unit
K	Dash panel insert
SB29	Fuse 29 on fuse holder B
SC6	Fuse 6 on fuse holder C
T5n	5-pin connector, on onboard supply control unit
T6e	6-pin connector, on heated rear window switch
T6s	6-pin connector, on onboard supply control unit
T12d	12-pin connector, white, in left engine compartment
T16a	16-pin connector, on fuse holder
T18b	18-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
297	Earth connection 12, in interior wiring harness
606	Earth point, under the centre console near selector lever
B163	Positive connection 1 (15), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
°	for models from 30/06/2009 only
°°	for models up to 30/06/2009 only

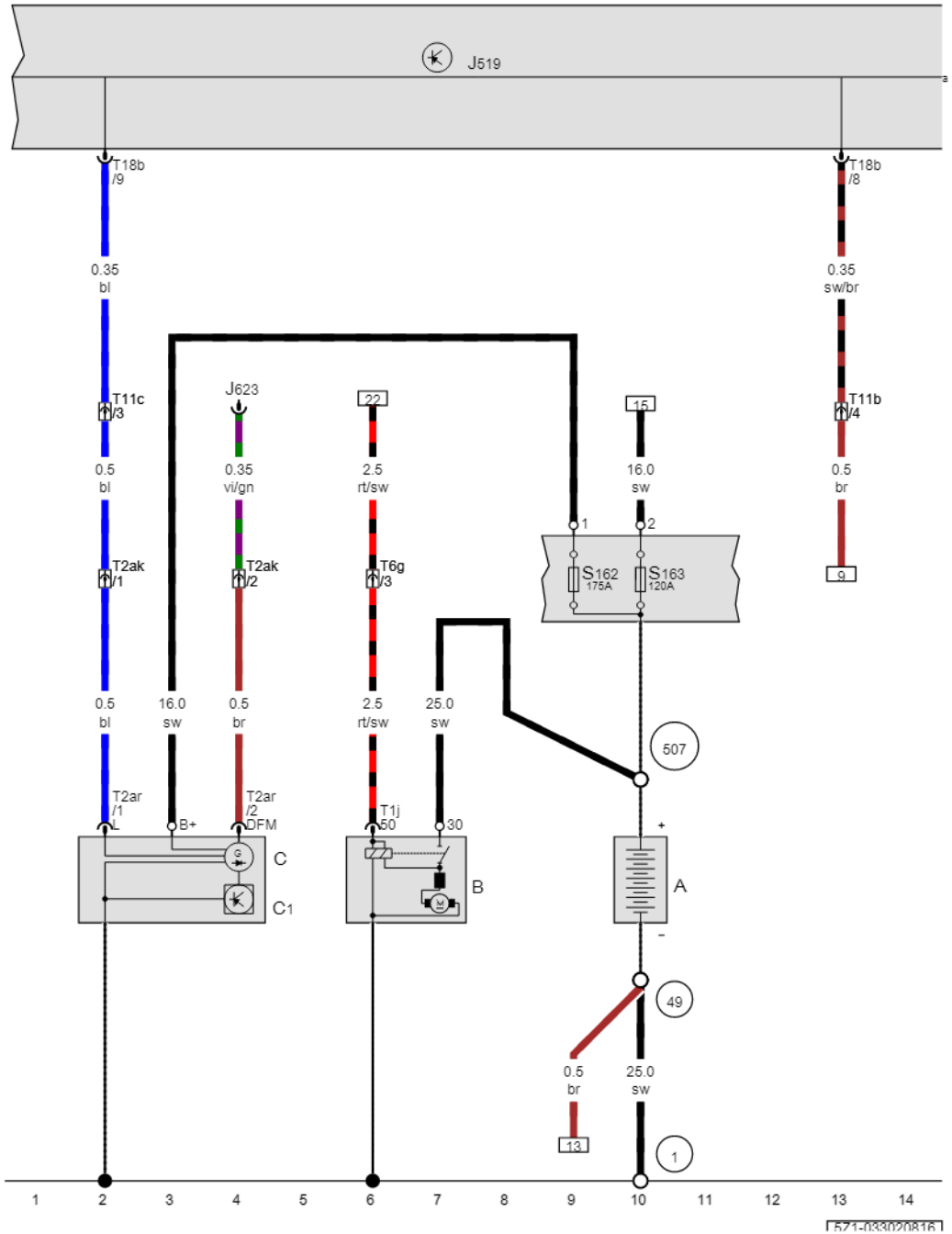
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Airbag systems , (F6G)

From November 2004

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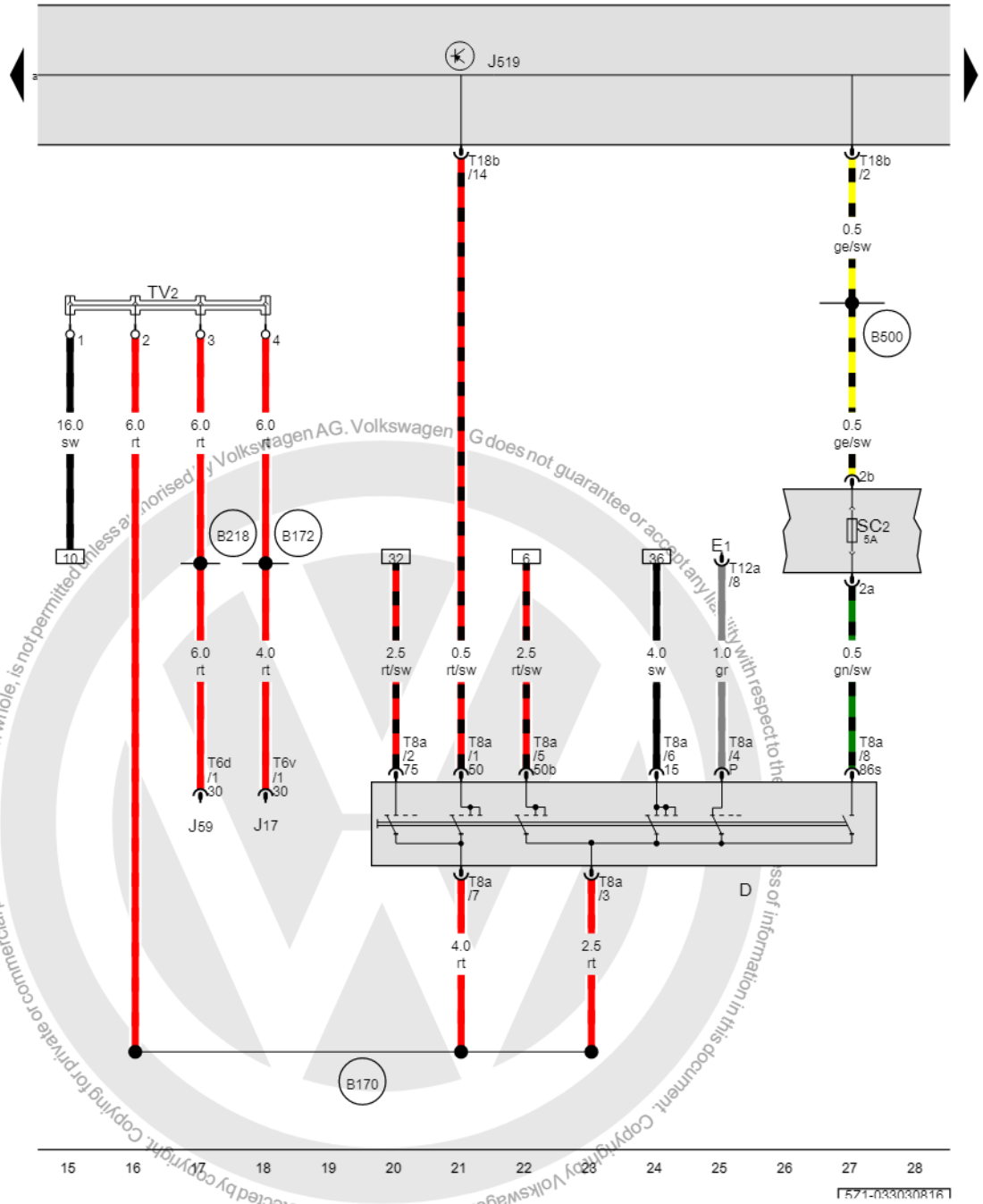


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, on left in engine compartment
T2ar	2-pin connector
T2bn	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
(1)	Earth strap, battery - body
(49)	Earth point, near ..., near battery
(507)	Threaded connection (30), on battery fuse holder

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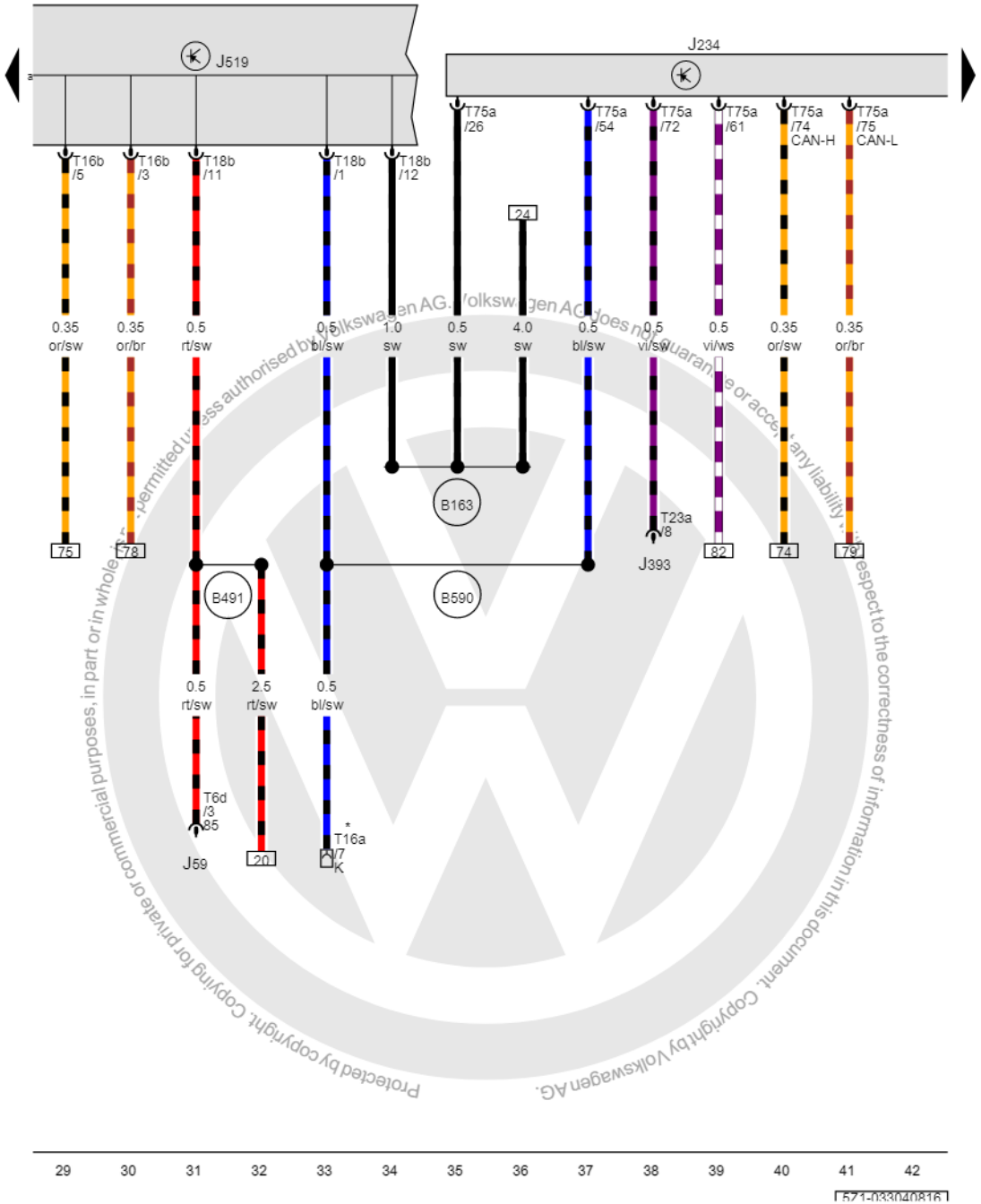


Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J17	Fuel pump relay
J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector
T6v	6-pin connector
T8a	8-pin connector
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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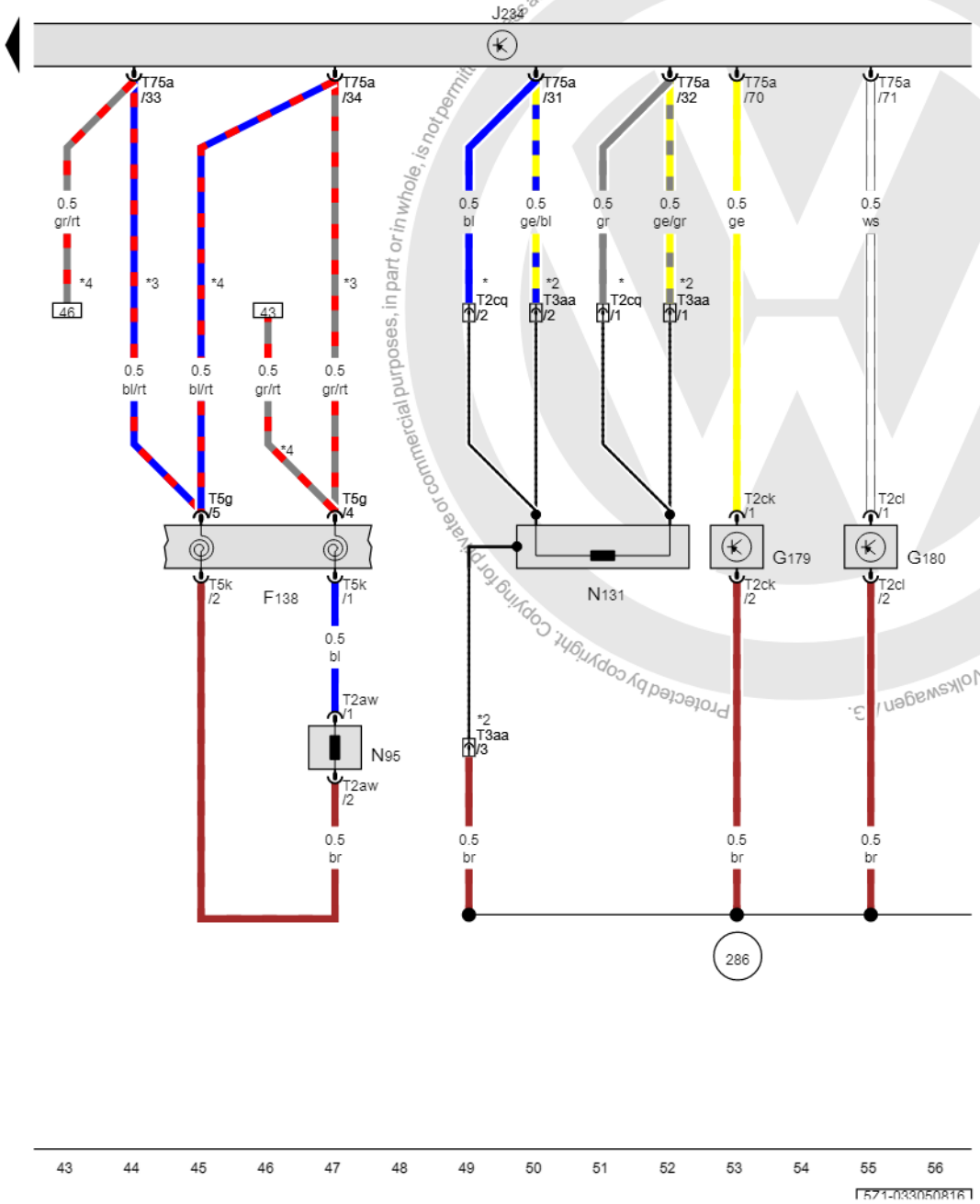
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Airbag control unit, Onboard supply control unit

J59	X-contact relief relay
J234	Airbag control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
T6d	6-pin connector
T16a	16-pin connector
T16b	16-pin connector
T18b	18-pin connector
T23a	23-pin connector
T75a	75-pin connector
B163	Positive connection 1 (15), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B590	K-diagnosis wire connection, in interior wiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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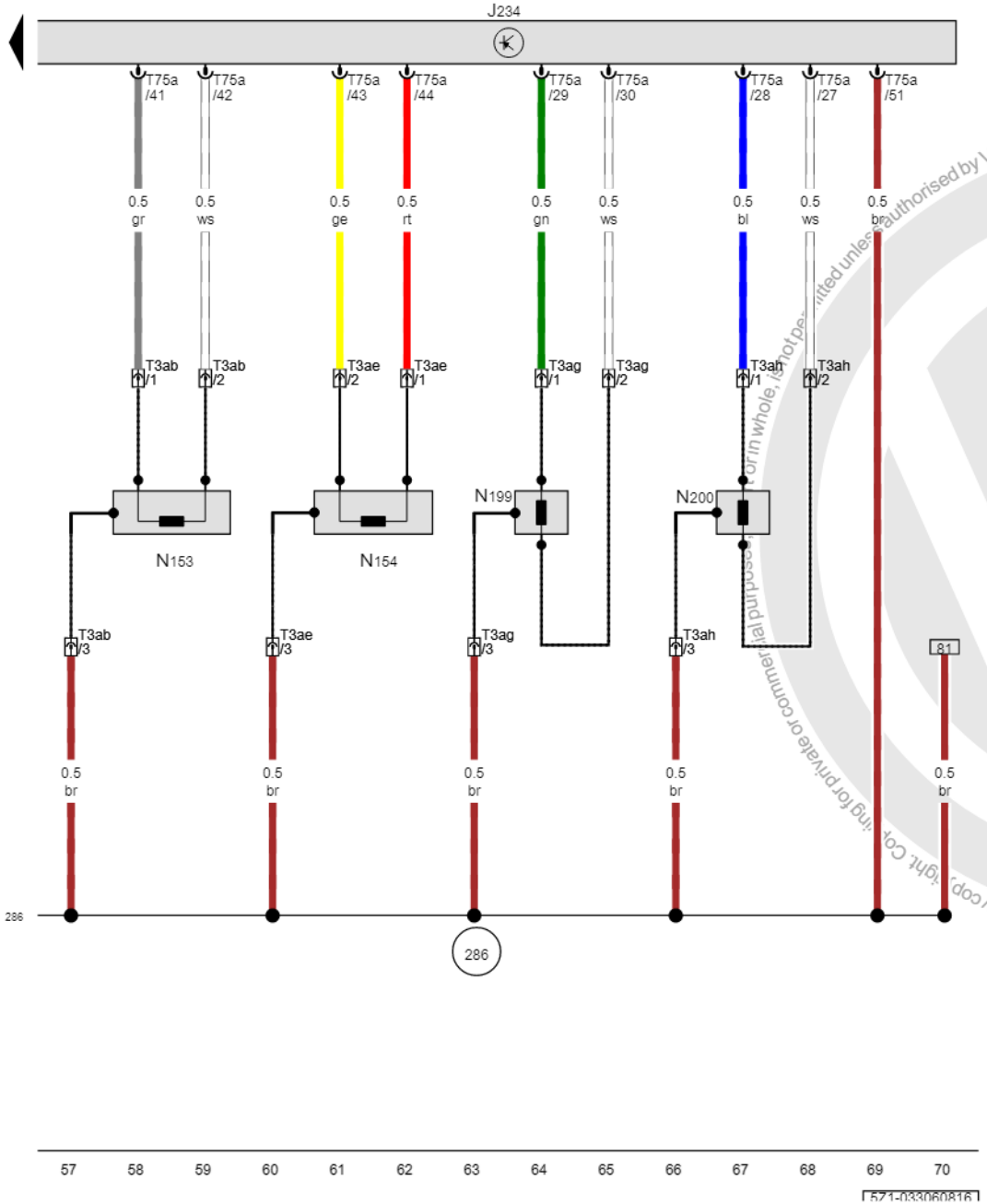
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ro = red
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gn = green
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li = purple
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ge = yellow
or = orange
rs = pink

Airbag coil connector and return ring with slip ring, Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Airbag control unit, Driver side airbag igniter, Front passenger side airbag igniter 1

F138	Airbag coil connector and return ring with slip ring
G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
J234	Airbag control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
T2aw	2-pin connector
T2ck	2-pin connector
T2cl	2-pin connector
T2cq	2-pin connector
T3aa	3-pin connector
T5g	5-pin connector
T5k	5-pin connector
T75a	75-pin connector
286	Earth connection 8, in interior wiring harness
*	From April 2007
*2	Up to April 2007
*3	Only models with ABS
*4	Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)



Airbag control unit, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1, Side airbag igniter on driver side, Side airbag igniter on front passenger side

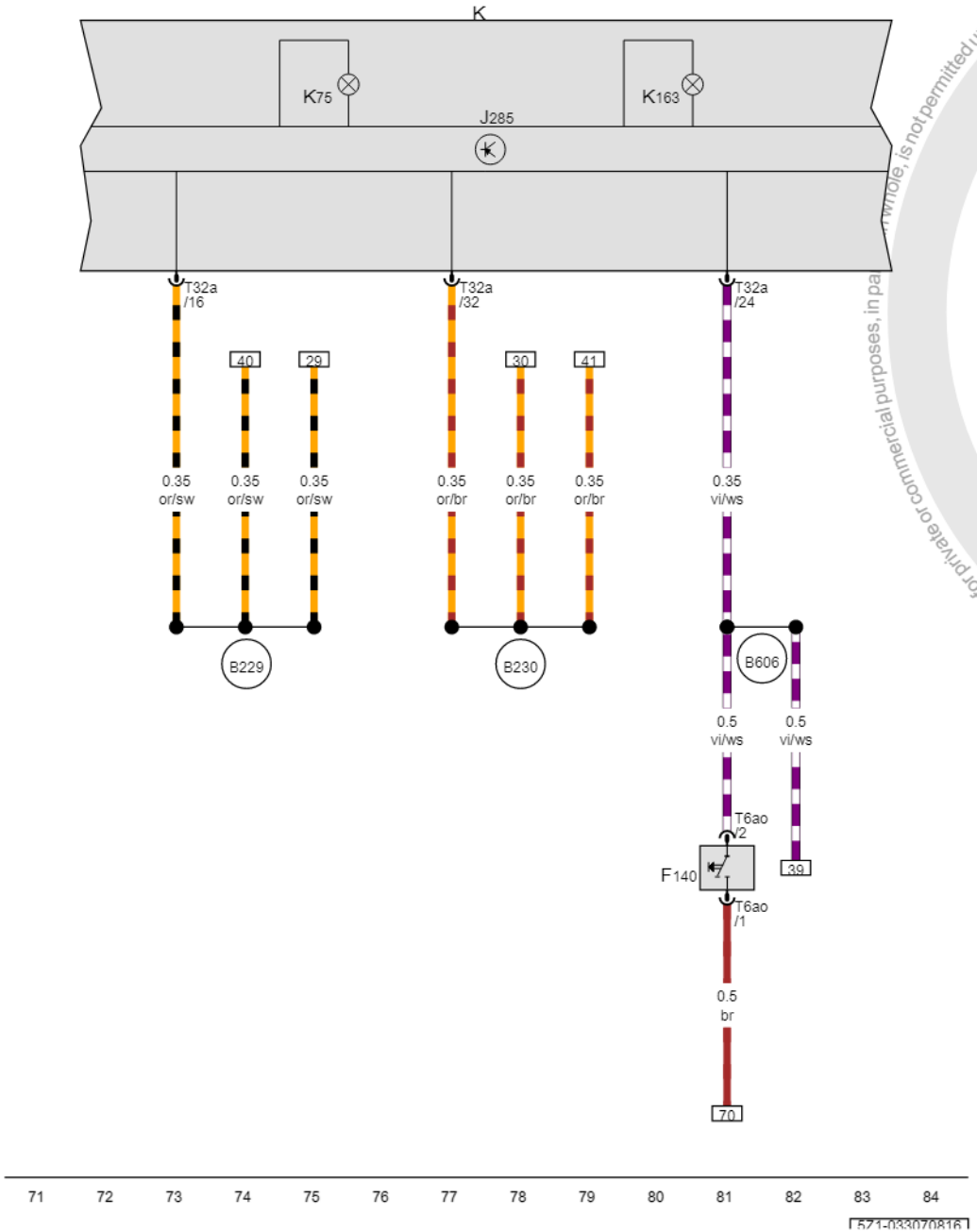
J234	Airbag control unit
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
T3ab	3-pin connector
T3ae	3-pin connector
T3ag	3-pin connector
T3ah	3-pin connector
T75a	75-pin connector
286	Earth connection 8, in interior wiring harness

ws	=	white
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Front left belt switch, Control unit in dash panel insert, Dash panel insert, Airbag warning lamp, Belt switch warning lamp

F140	Front left belt switch
J285	Control unit in dash panel insert
K	Dash panel insert
K75	Airbag warning lamp
K163	Belt switch warning lamp
T6ao	6-pin connector
T32a	32-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B606	Connection 2, in interior wiring harness



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Basic equipment (Europe)

from November 2004, up to December 2006

Notes:

For information concerning

- Position of relays and fuses
- Pin connectors
- Control units
- Earth connection

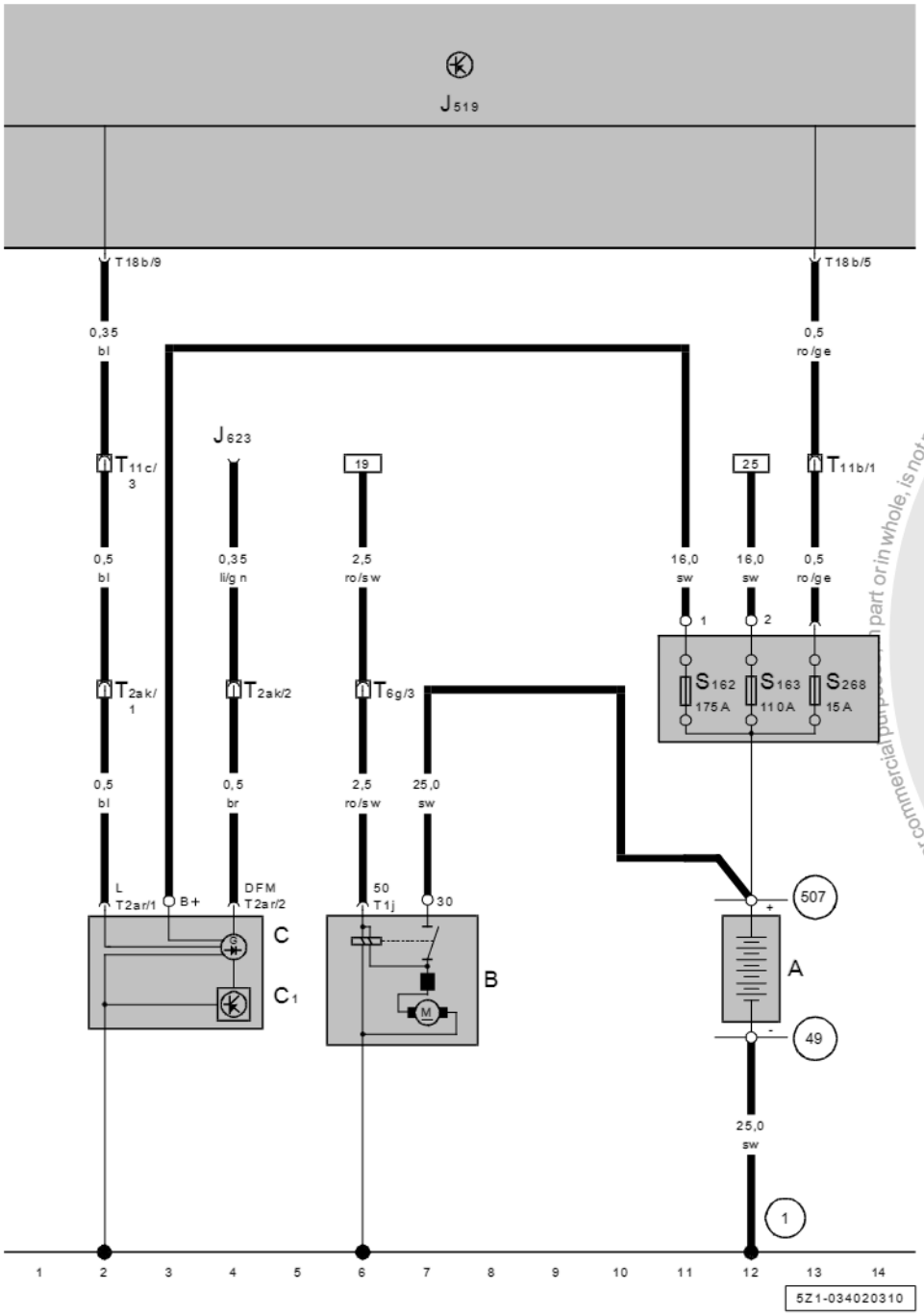
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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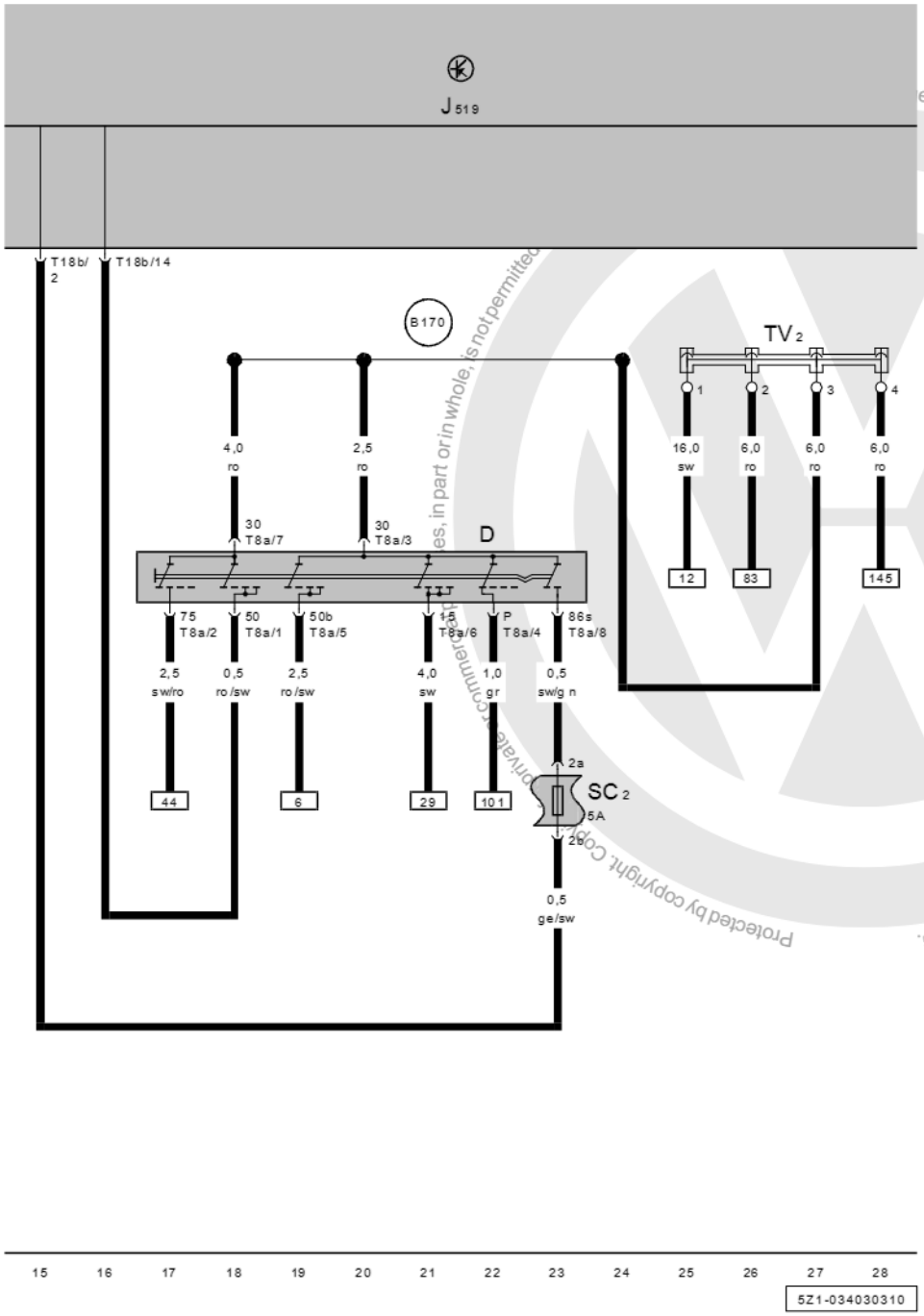


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S268	Fuse 10 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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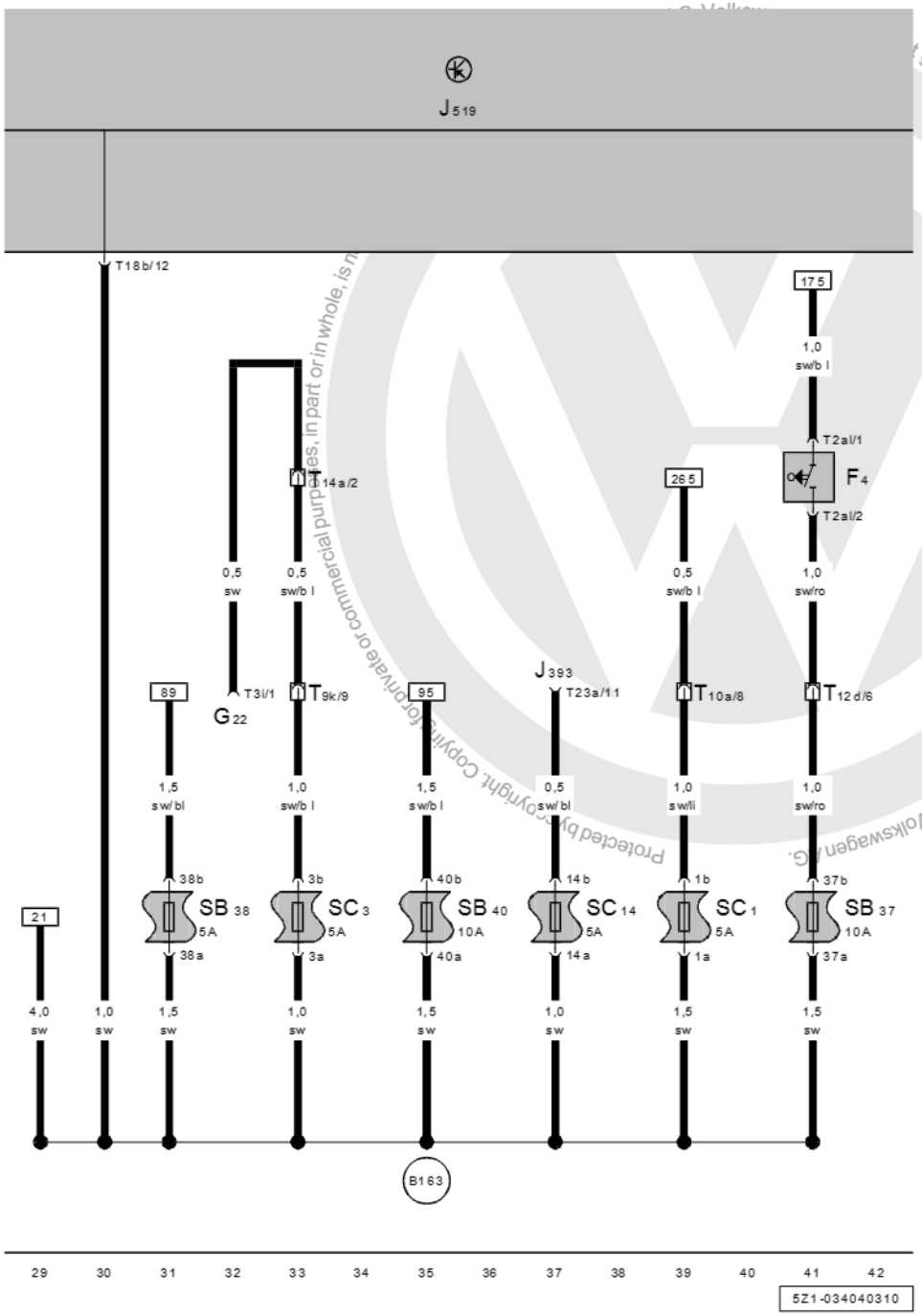


Ignition/starter switch, onboard supply control unit, terminal 30 wiring junction

D	Ignition/starter switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector, on ignition/starter switch
T18b	18-pin connector, on onboard supply control unit
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness

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rt	=	red
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gn	=	green
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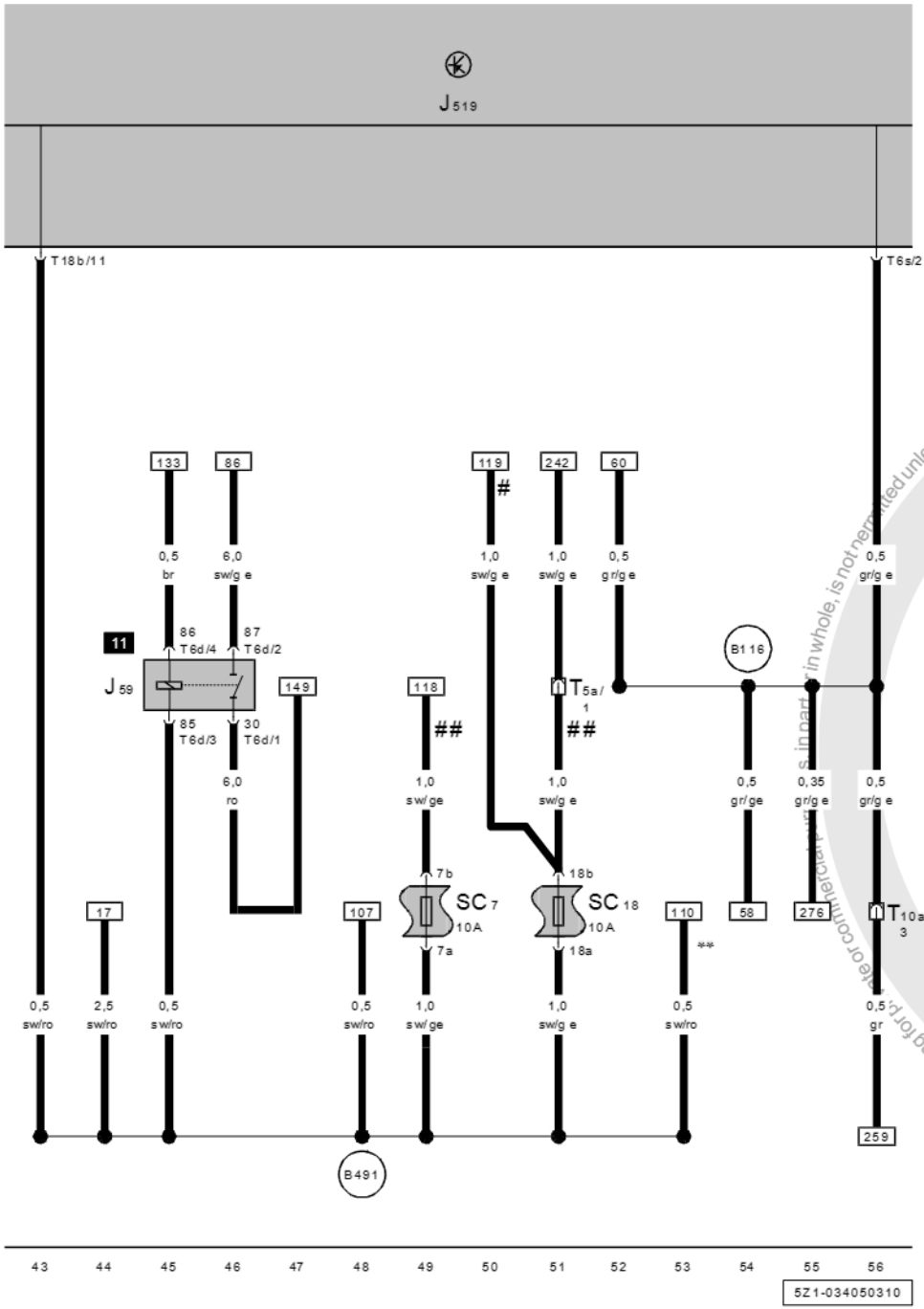


Reversing light switch, onboard supply control unit

F4	Reversing light switch
G22	Speedometer sender
J393	Convenience system central control unit
J519	Onboard supply control unit
SB37	Fuse 37 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
SC1	Fuse 1 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC14	Fuse 14 on fuse holder C
T2al	2-pin connector, on reversing light switch
T3i	3-pin connector, on speedometer sender
T9k	9-pin connector, in left engine compartment
T10a	10-pin connector, behind right dash panel
T12d	12-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
T23a	23-pin connector, on convenience system central control unit
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
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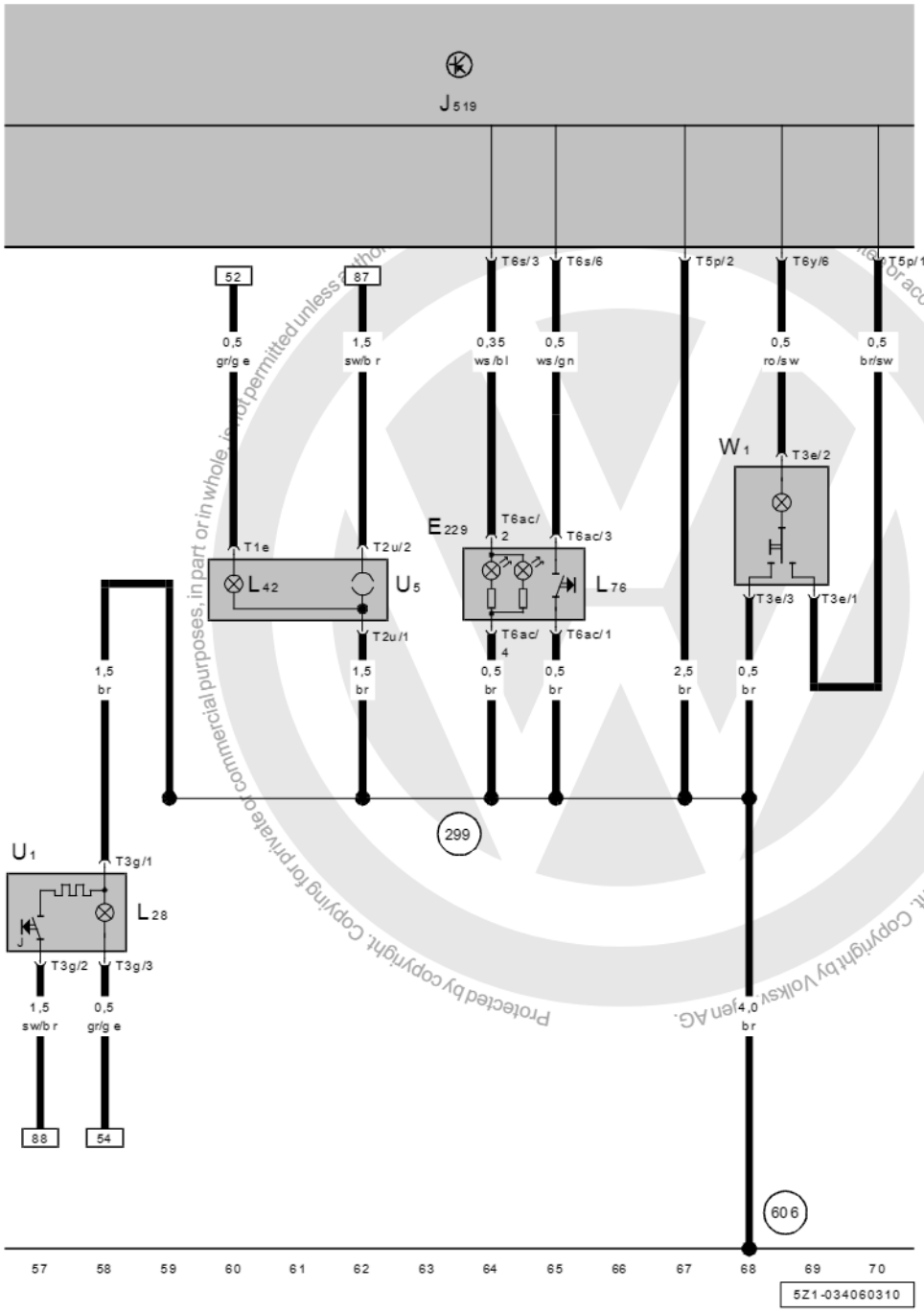


X-contact relief relay, onboard supply control unit

J59	X-contact relief relay
J519	Onboard supply control unit
SC7	Fuse 7 on fuse holder C
SC18	Fuse 18 on fuse holder C
T5a	5-pin connector, behind side trim on rear left, near wheel arch
T6d	6-pin connector, on X-contact relief relay
T6s	6-pin connector, on onboard supply control unit
T10a	10-pin connector, behind right dash panel
T18b	18-pin connector, on onboard supply control unit
B116	Connection (58d), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
**	models with day driving light
#	up to 10.03.06
##	from 10.03.06

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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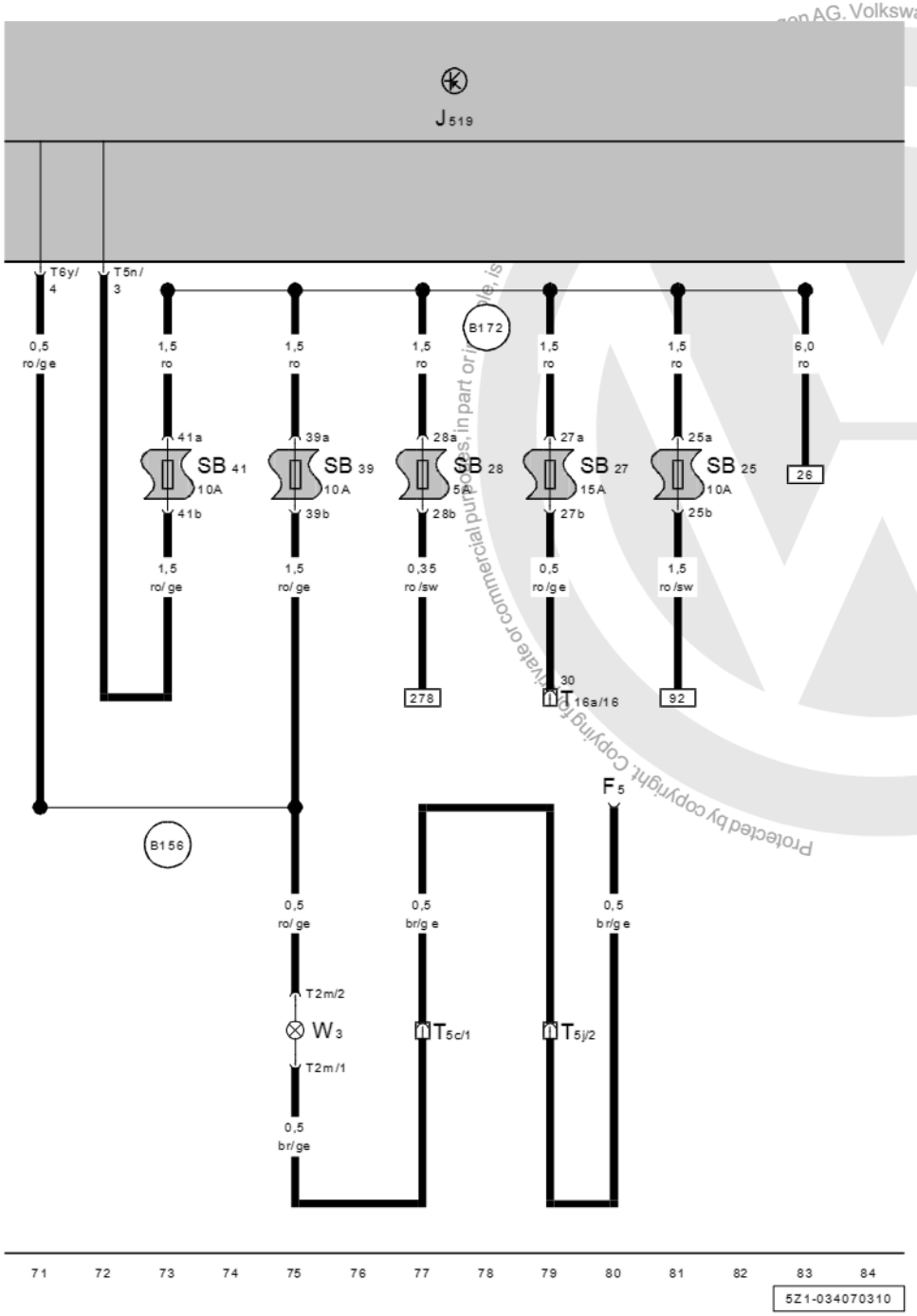


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Hazard warning lights button, onboard supply control unit, cigarette lighter, 12 V socket, front interior light

E229	Hazard warning lights button
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
L42	Socket illumination bulb
L76	Button illumination bulb
T1e	Single pin connector, on socket illumination bulb
T2u	2-pin connector, on 12 V socket
T3e	3-pin connector, on front interior light
T3g	3-pin connector, on cigarette lighter
T5p	5-pin connector, on onboard supply control unit
T6s	6-pin connector, on onboard supply control unit
T6y	6-pin connector, on onboard supply control unit
T6ac	6-pin connector, on hazard warning lights button
U1	Cigarette lighter
U5	12 V socket
W1	Front interior light
299	Earth connection 14, in interior wiring harness
606	Earth point, under the centre console near selector lever

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

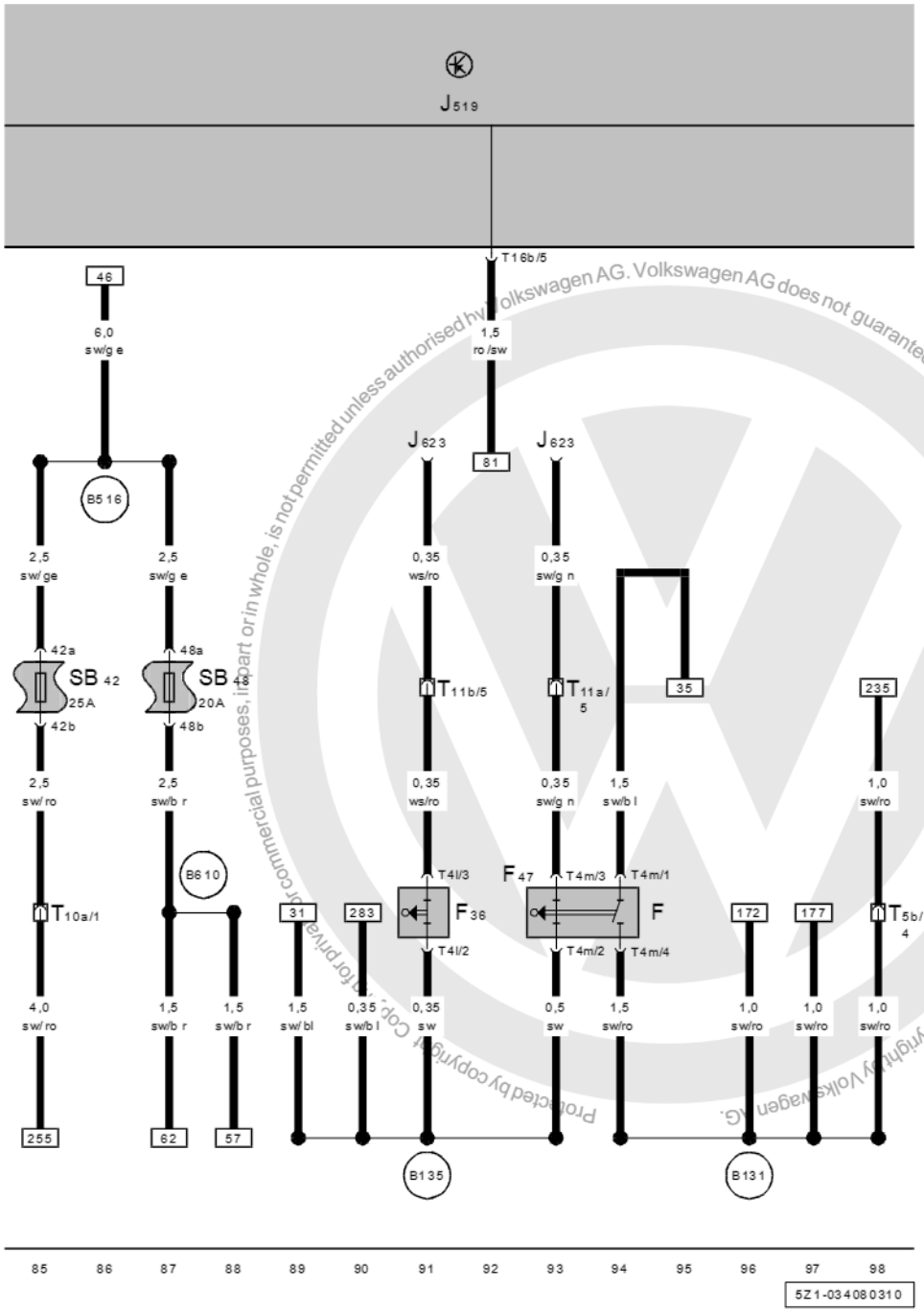


Onboard supply control unit, luggage compartment light

F5	Luggage compartment light switch
J519	Onboard supply control unit
SB25	Fuse 25 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB39	Fuse 39 on fuse holder B
SB41	Fuse 41 on fuse holder B
T2m	2-pin connector, on luggage compartment light
T5c	5-pin connector, behind side trim on rear left, near wheel arch
T5j	5-pin connector, on luggage compartment light switch/ contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
T5n	5-pin connector, on onboard supply control unit
T6y	6-pin connector, on onboard supply control unit
T16a	16-pin connector, diagnostic
W3	Luggage compartment light
B156	Positive connection (30a), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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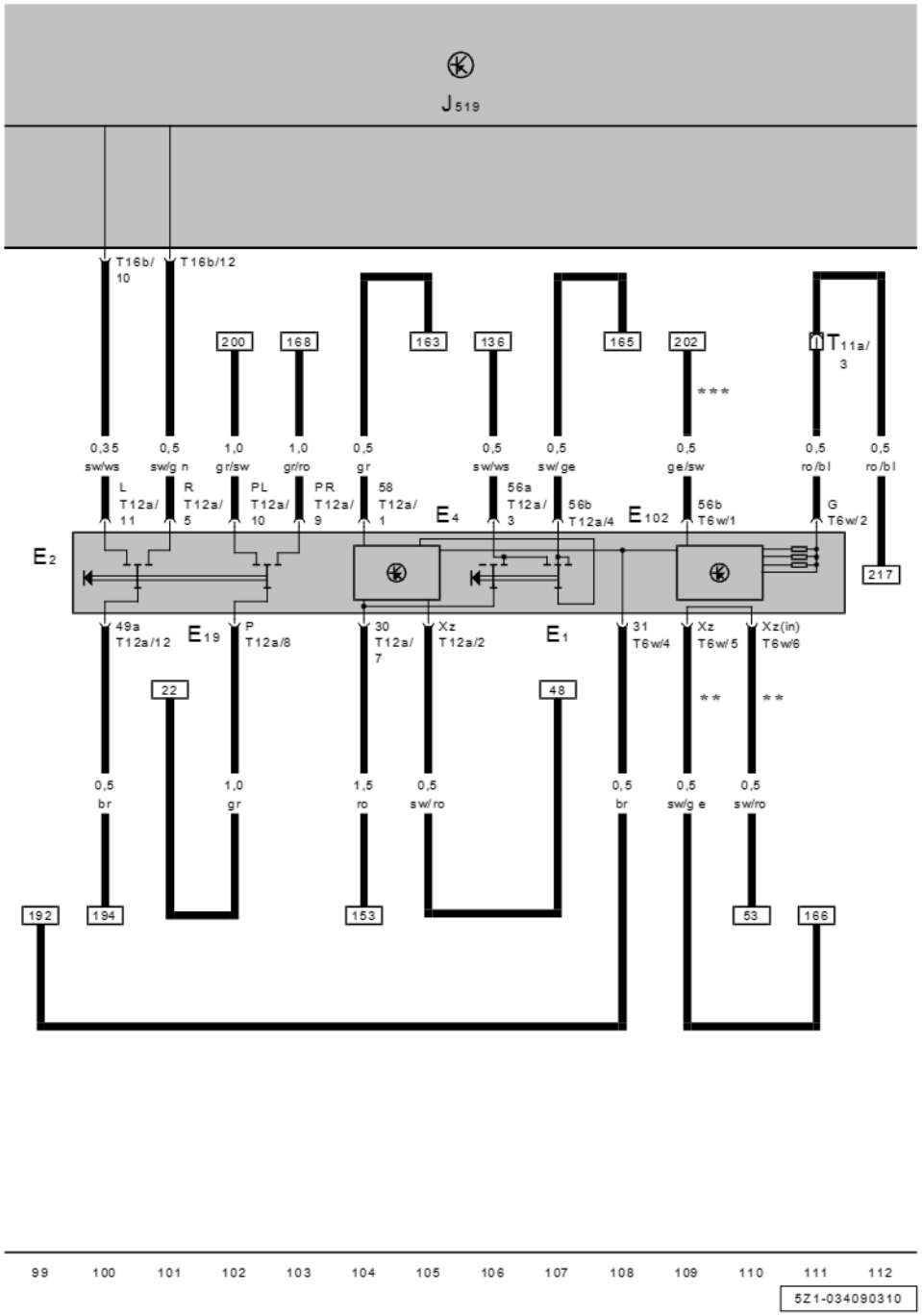


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li = purple
vi = purple
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Brake light switch, clutch pedal switch, brake pedal switch, onboard supply control unit

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J519	Onboard supply control unit
J623	Engine control unit
SB42	Fuse 42 on fuse holder B
SB48	Fuse 48 on fuse holder B
T4l	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake pedal switch
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T10a	10-pin connector, behind right dash panel
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
B131	Connection (54), in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
B610	Connection 6, in interior wiring harness

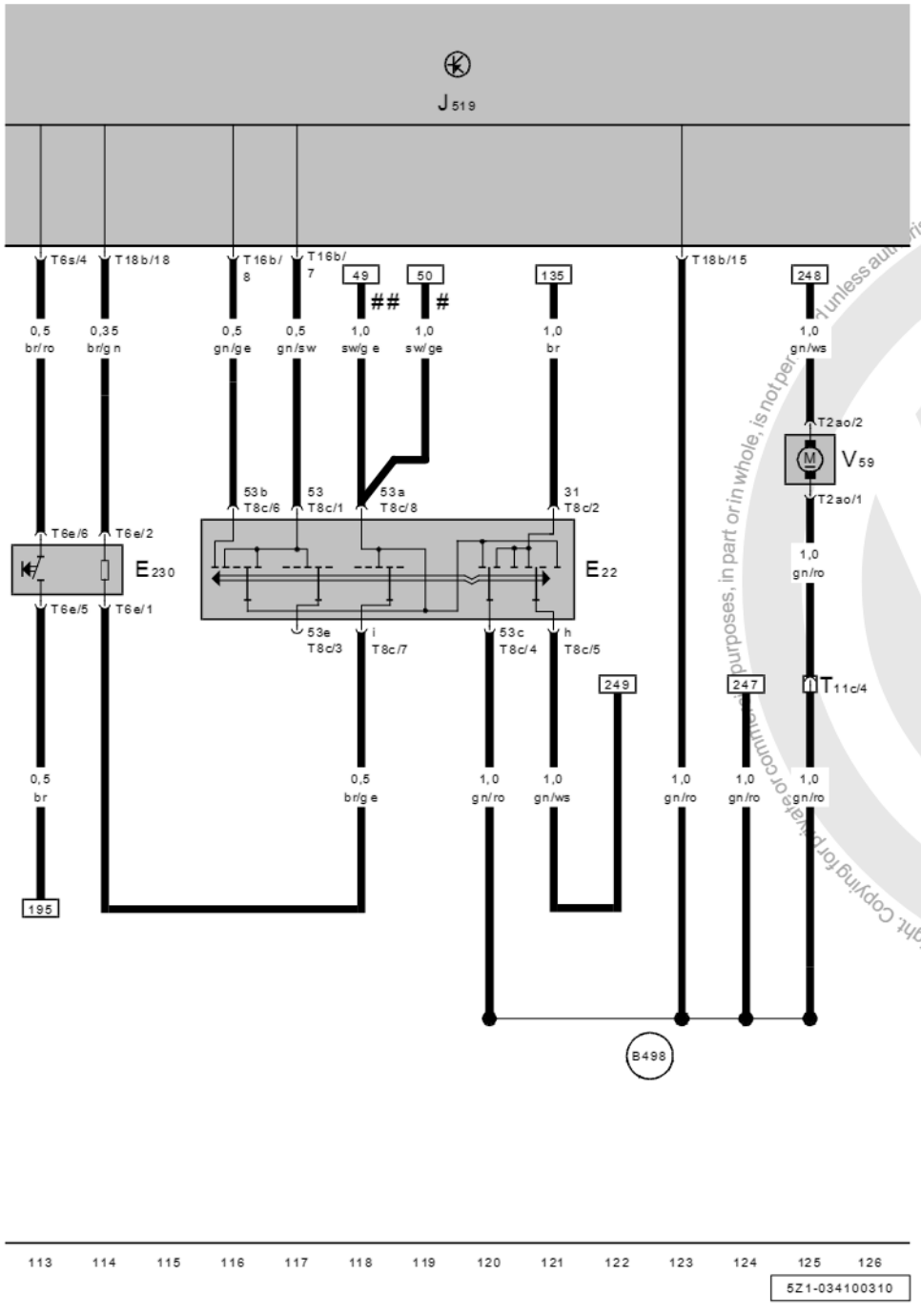


Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, headlight range control regulator

E1	Light switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
E102	Headlight range control regulator
J519	Onboard supply control unit
T6w	6-pin connector, on headlight range control regulator
T11a	11-pin connector, in left engine compartment
T12a	12-pin connector, on light switch
T16b	16-pin connector, on onboard supply control unit
**	models with day driving light
***	models with parking light

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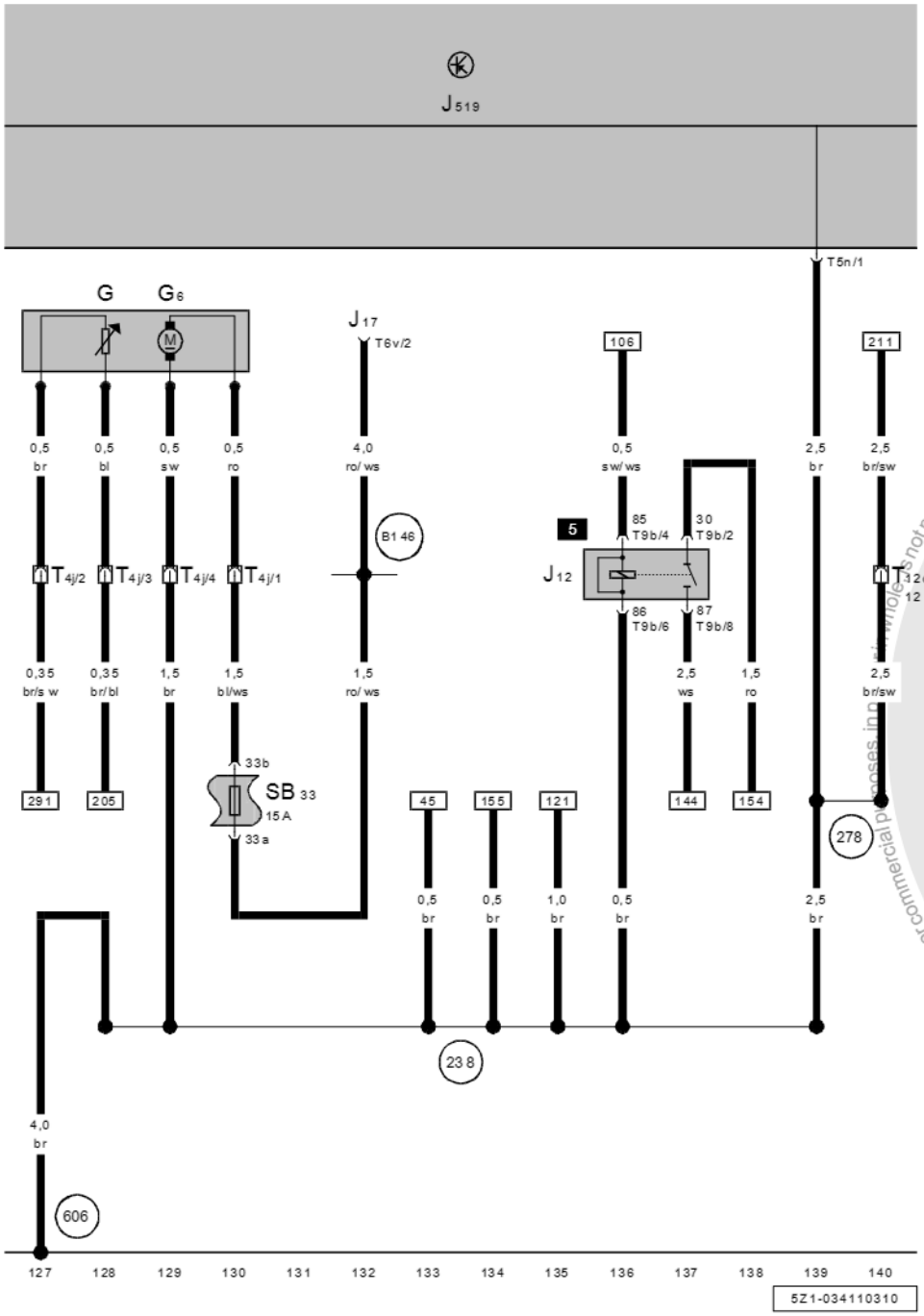


Intermittent wiper switch, heated rear window switch, onboard supply control unit, windscreen and rear window washer pump

E22	Intermittent wiper switch
E230	Heated rear window switch
J519	Onboard supply control unit
T2ao	2-pin connector, on windscreen and rear window washer pump
T6e	6-pin connector, on heated rear window switch
T6s	6-pin connector, on onboard supply control unit
T8c	8-pin connector, on intermittent wiper switch
T11c	11-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
T18b	18-pin connector, on onboard supply control unit
V59	Windscreen and rear window washer pump
B498	Connection 1 (53c), in interior wiring harness
#	up to 10.03.06
##	from 10.03.06

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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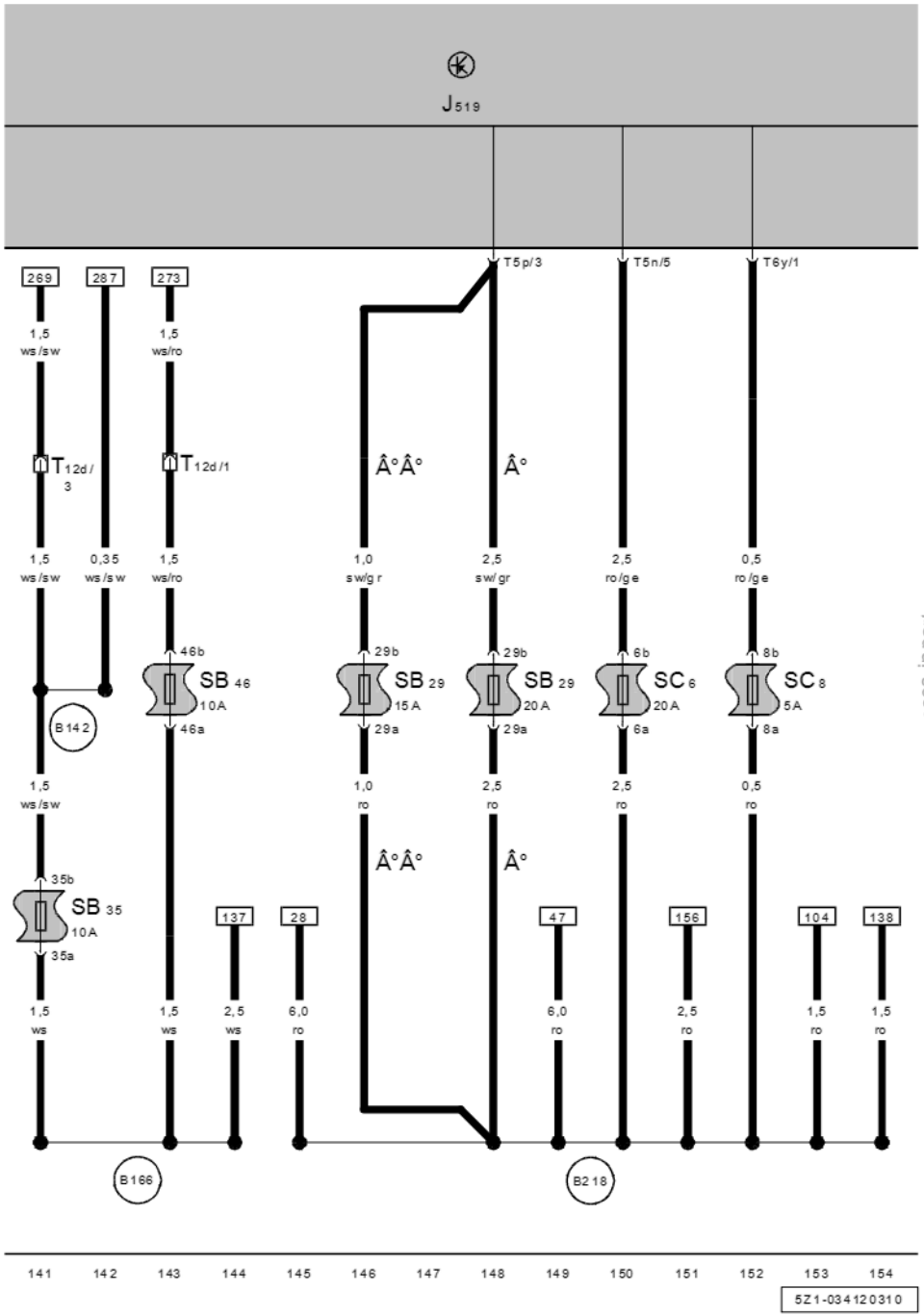


Fuel gauge sender, fuel system pressurisation pump, headlight main beam relay, onboard supply control unit

G	Fuel gauge sender
G6	Fuel system pressurisation pump
J12	Headlight main beam relay
J17	Fuel pump relay
J519	Onboard supply control unit
SB33	Fuse 33 on fuse holder B
T4j	4-pin connector, on fuel system pressurisation pump
T5n	5-pin connector, on onboard supply control unit
T6v	6-pin connector, on fuel pump relay
T9b	9-pin connector, on headlight main beam relay
T12d	12-pin connector, in left engine compartment
238	Earth connection 1, in interior wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near selector lever
B146	Positive connection 1 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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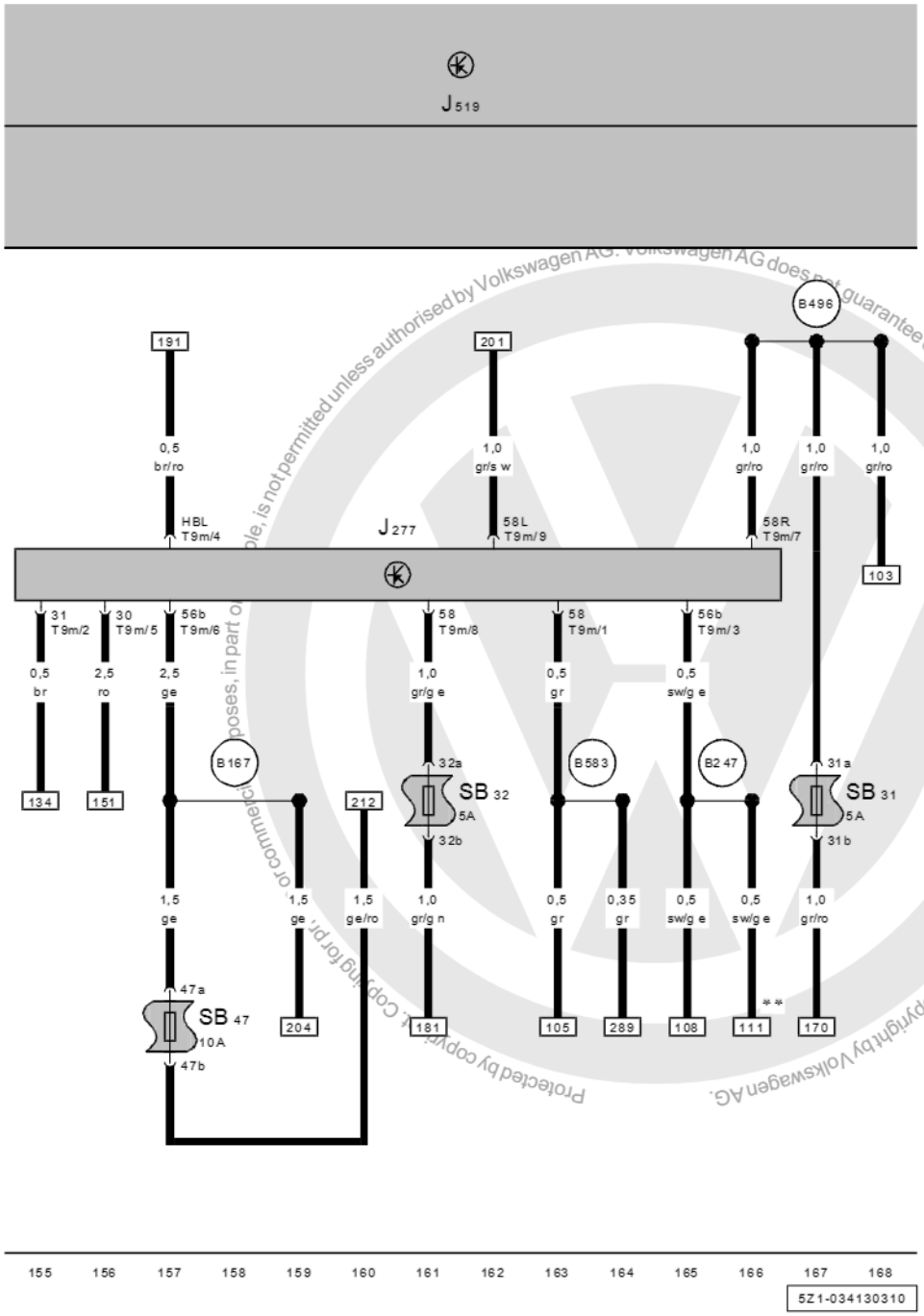


Onboard supply control unit

J519	Onboard supply control unit
SB29	Fuse 29 on fuse holder B
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
SC6	Fuse 6 on fuse holder C
SC8	Fuse 8 on fuse holder C
T5n	5-pin connector, on onboard supply control unit
T5p	5-pin connector, on onboard supply control unit
T6y	6-pin connector, on onboard supply control unit
T12d	12-pin connector, in left engine compartment
B142	Positive connection 2 (56a), in interior wiring harness
B166	Connection (56a), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
°	from 30.06.06
°°	up to 30.06.06

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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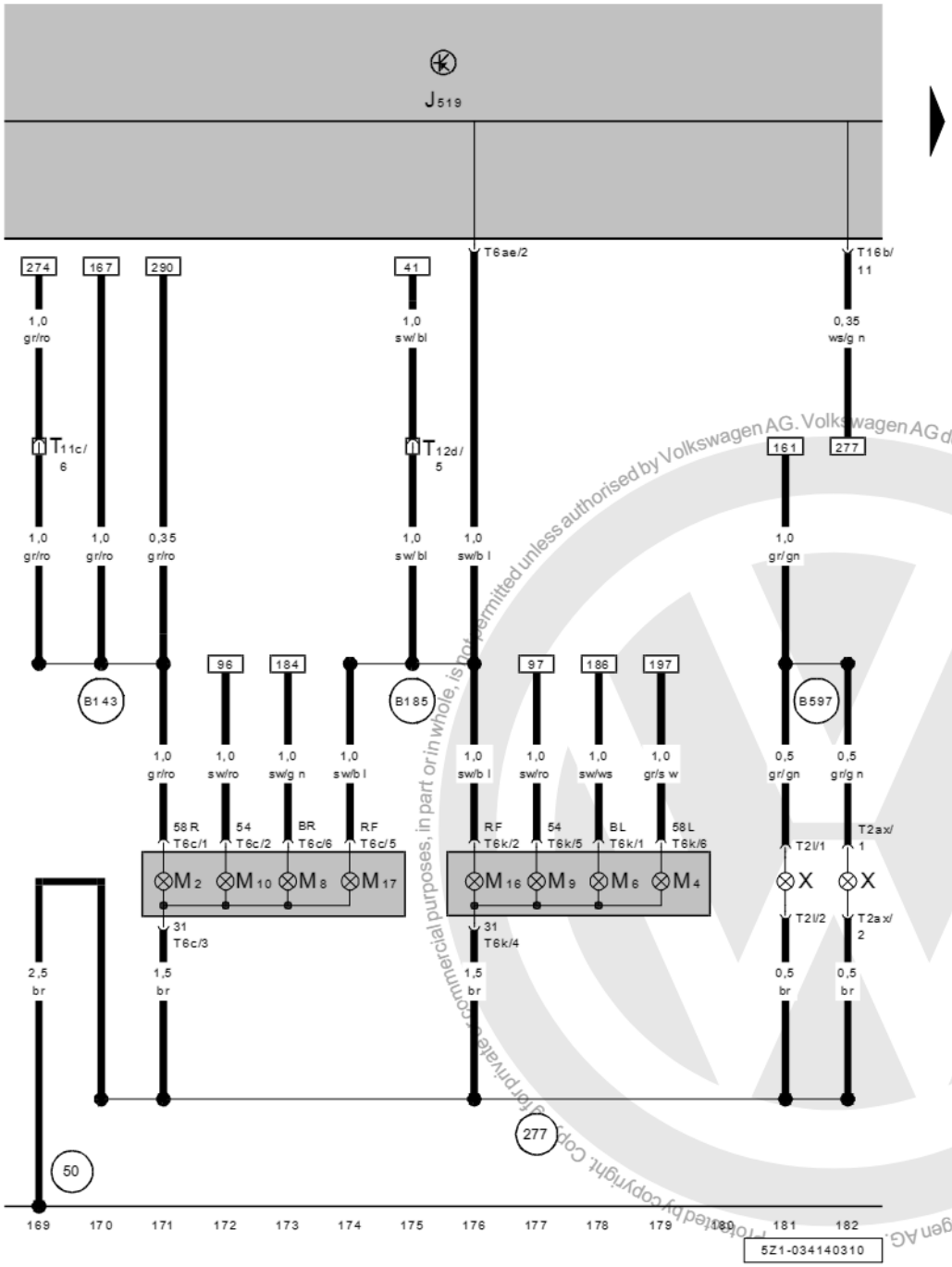


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Daytime running lights relay, side and tail lights, onboard supply control unit

J277	Daytime running lights relay, side and tail lights
J519	Onboard supply control unit
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB47	Fuse 47 on fuse holder B
T9m	9-pin connector, on daytime running lights relay, side and tail lights
B167	Connection (56b), in interior wiring harness
B247	Connection 2 (56b), in interior wiring harness
B496	Positive connection 4 (58R), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
**	models with day driving light

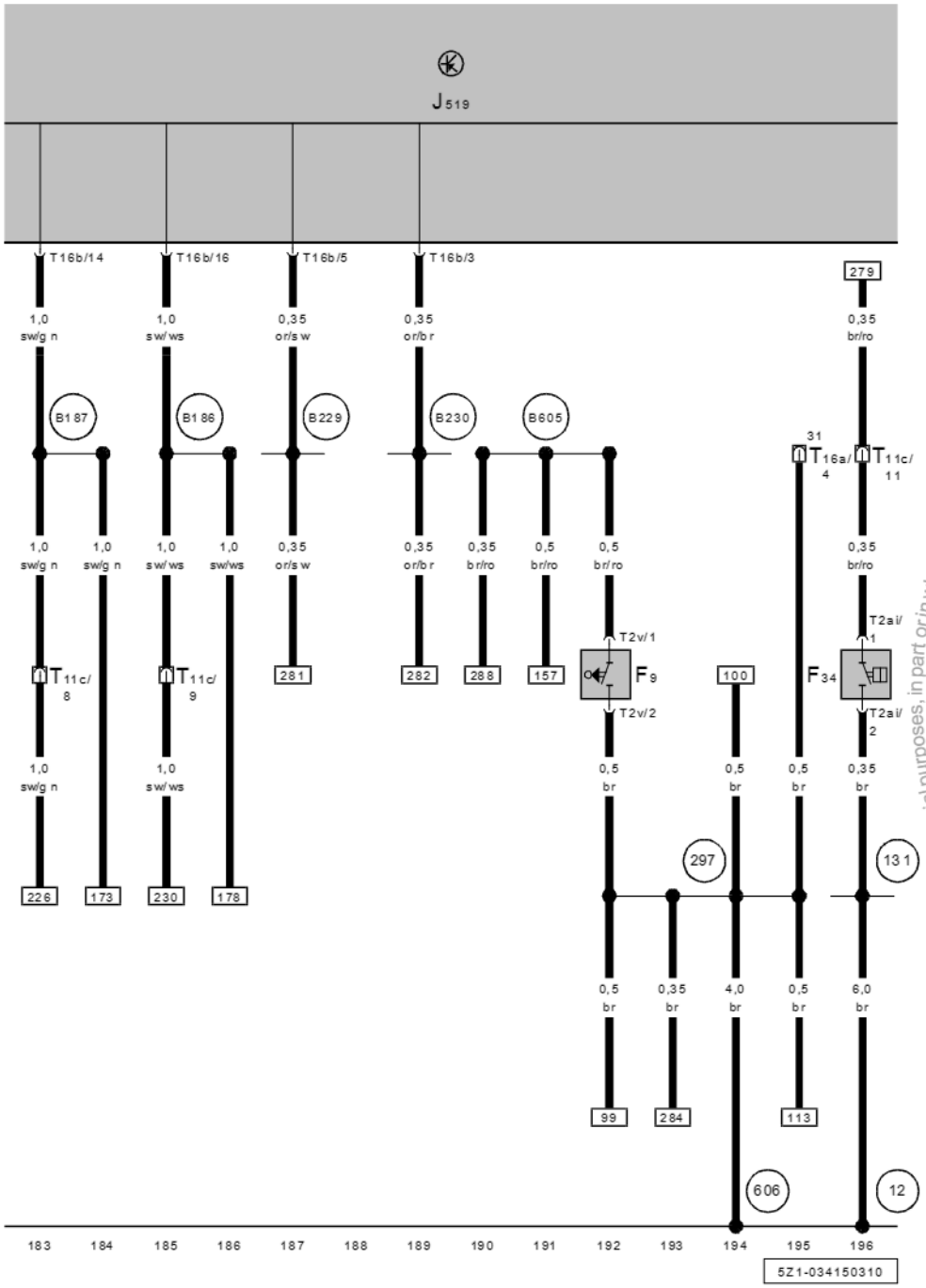


Onboard supply control unit, right tail light bulb, rear right turn signal bulb, right brake light bulb, right reversing light bulb, number plate light

J519	Onboard supply control unit
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
T2l	2-pin connector, on number plate light
T2ax	2-pin connector, on number plate light
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
T6ae	6-pin connector, on onboard supply control unit
T11c	11-pin connector, in left engine compartment
T12d	12-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
X	Number plate light
50	Earth points, on left in luggage compartment
277	Earth connection 3, in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B185	Connection 2 (54), in interior wiring harness
B597	Positive connection 1 (58a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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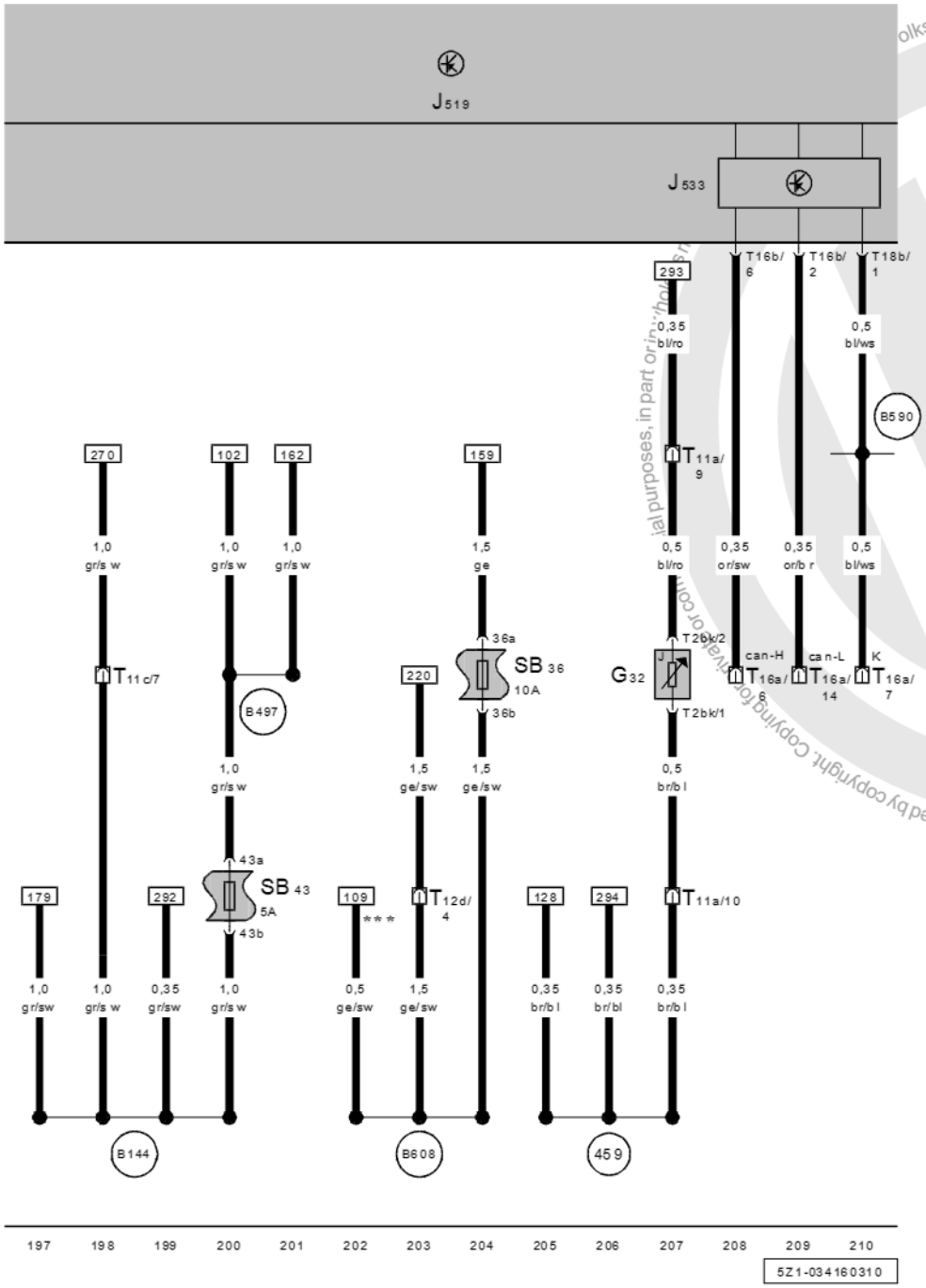


Handbrake warning switch, brake fluid level warning contact, onboard supply control unit

F9	Handbrake warning switch
F34	Brake fluid level warning contact
J519	Onboard supply control unit
T2v	2-pin connector, on handbrake warning switch
T2ai	2-pin connector, on brake fluid level warning contact
T11c	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T16b	16-pin connector, on onboard supply control unit
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
297	Earth connection 12, in interior wiring harness
606	Earth point, under the centre console near selector lever
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B605	Connection 1, in interior wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
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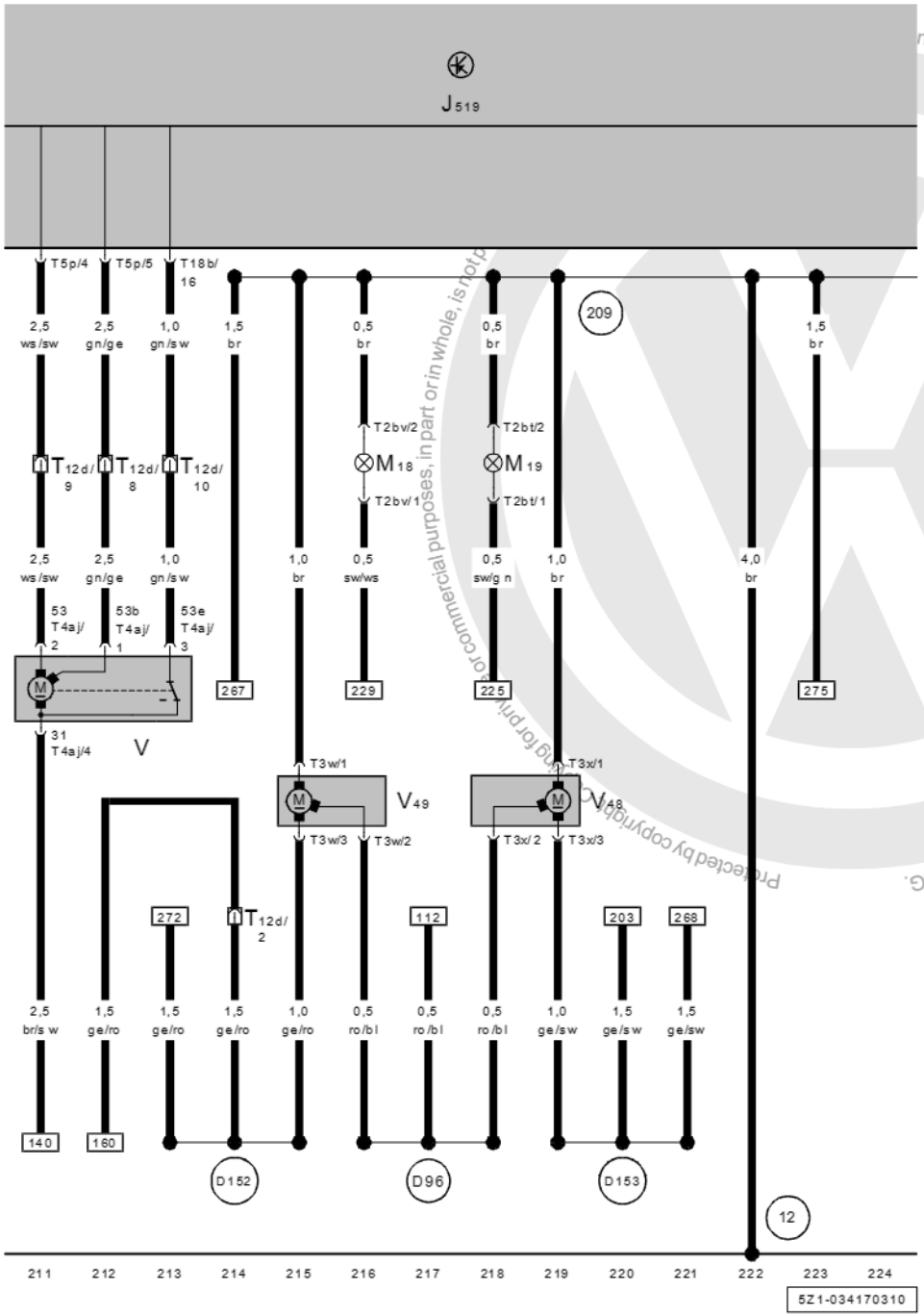


Coolant shortage indicator sender, onboard supply control unit, data bus diagnostic interface

G32	Coolant shortage indicator sender
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SB36	Fuse 36 on fuse holder B
SB43	Fuse 43 on fuse holder B
T2bk	2-pin connector, on coolant shortage indicator sender
T11a	11-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T12d	12-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T16b	16-pin connector, on onboard supply control unit
T18b	18-pin connector, on onboard supply control unit
459	Earth connection 15, in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B497	Positive connection 2 (58L), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness
B608	Connection 4, in interior wiring harness
***	models with parking light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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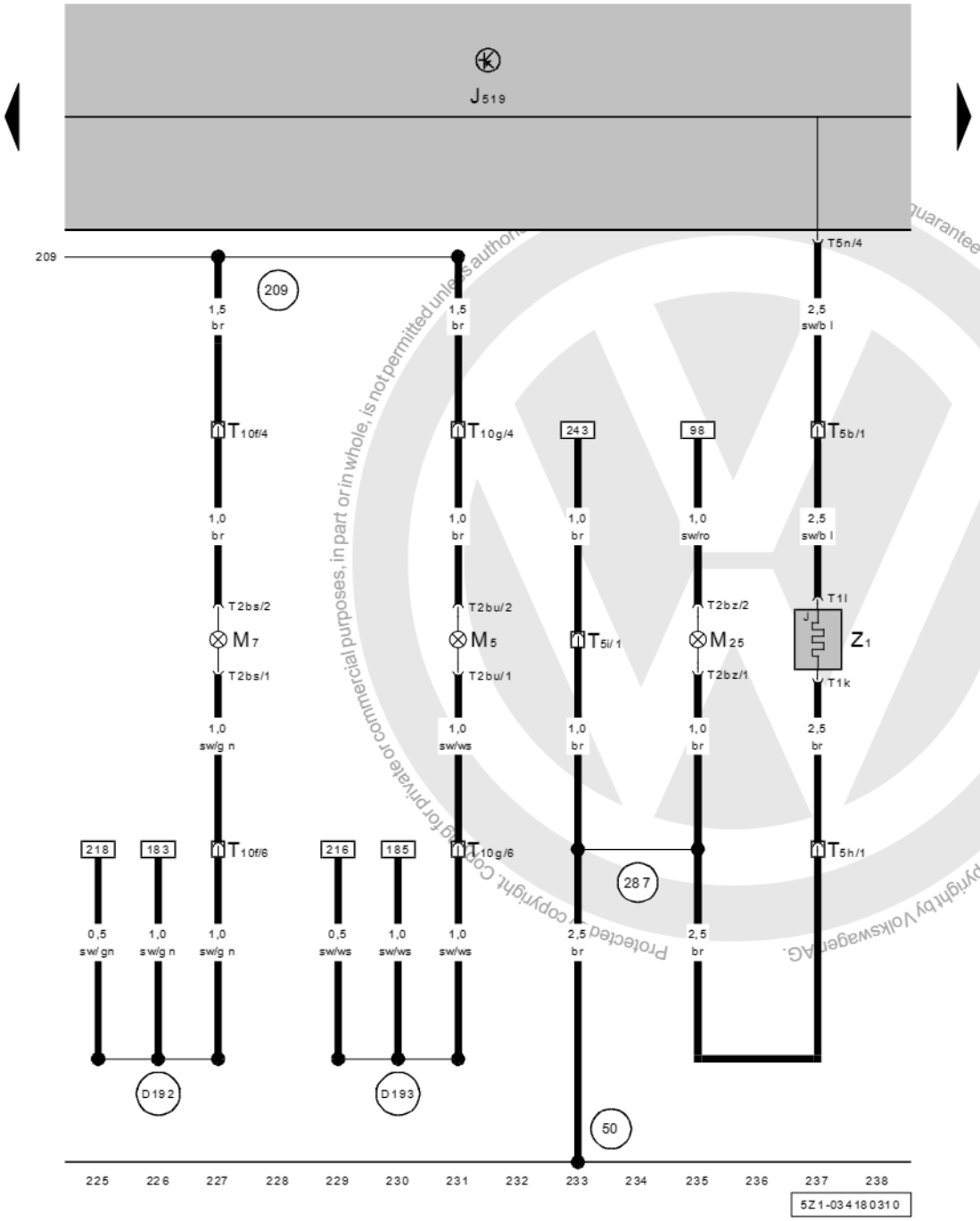


Left side repeater turn signal bulb, right side repeater turn signal bulb, windscreen wiper motor, left headlight range control motor, right headlight range control motor

J519	Onboard supply control unit
M18	Left side mounted turn signal bulb
M19	Right side mounted turn signal bulb
T2bt	2-pin connector, on right side repeater turn signal bulb
T2bv	2-pin connector, on left side repeater turn signal bulb
T3w	3-pin connector, on right headlight range control motor
T3x	3-pin connector, on left headlight range control motor
T4aj	4-pin connector, on windscreen wiper motor
T5p	5-pin connector, on onboard supply control unit
T12d	12-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
V	Windscreen wiper motor
V48	Left headlight range control motor
V49	Right headlight range control motor
12	Earth point, on left in engine compartment
209	Earth connection 6, in engine compartment wiring harness
D96	Connection (headlight range control), in engine compartment wiring harness
D152	Positive connection 1 (56b), in engine compartment wiring harness
D153	Positive connection 2 (56b), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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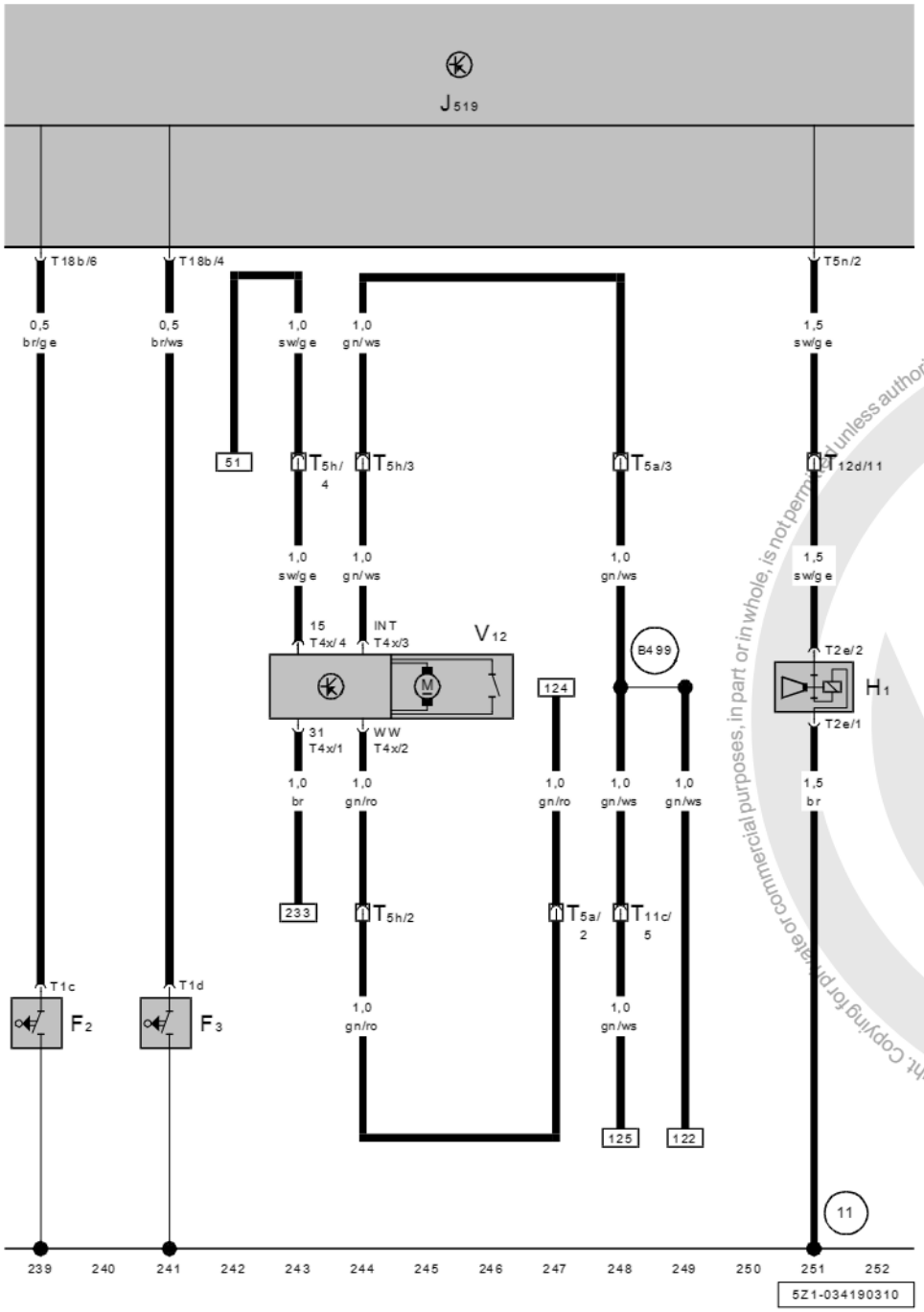


ws = white
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gn = green
bl = blue
gr = grey
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rs = pink

Onboard supply control unit, front left turn signal bulb, front right turn signal bulb, high-level brake light bulb, heated rear window

J519	Onboard supply control unit
M5	Front left turn signal bulb
M7	Front right turn signal bulb
M25	High level brake light bulb
T1k	Single connector, on heated rear window
T1l	Single connector, on heated rear window
T2bs	2-pin connector, on the front right turn signal bulb
T2bu	2-pin connector, on the front left turn signal bulb
T2bz	2-pin connector, on high level brake light bulb
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T5h	5-pin connector, in rear lid
T5i	5-pin connector, in rear lid
T5n	5-pin connector, on onboard supply control unit
T10f	10-pin connector, in engine compartment, front right
T10g	10-pin connector, in front left engine compartment
Z1	Heated rear window
50	Earth points, on left in luggage compartment
209	Earth connection 6, in engine compartment wiring harness
287	Earth connection, in rear lid feeder wiring harness
D192	Connection 1 (RTS), in engine compartment wiring harness
D193	Connection 1 (LTS), in engine compartment wiring harness

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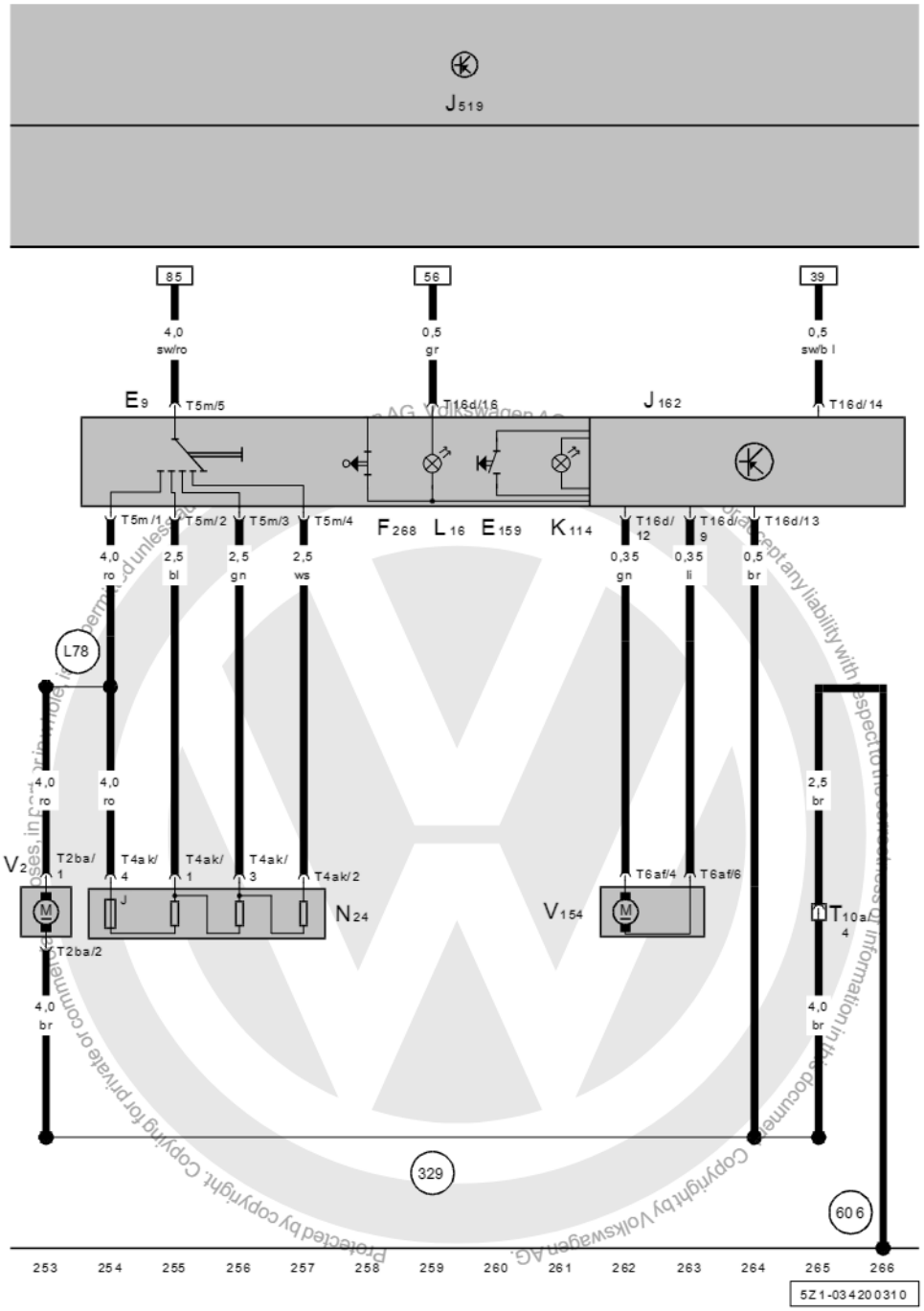


Driver door contact switch, front passenger door contact switch, horn and dual tone horn, onboard supply control unit, rear window wiper motor

F2	Driver door contact switch
F3	Front passenger door contact switch
H1	Horn or dual tone horn
J519	Onboard supply control unit
T1c	Single connector, on driver door contact switch
T1d	Single connector, on front passenger door contact switch
T2e	2-pin connector, on horn or dual tone horn
T4x	4-pin connector, on rear window wiper motor
T5a	5-pin connector, behind side trim on rear left, near wheel arch
T5h	5-pin connector, in rear lid
T5n	5-pin connector, on onboard supply control unit
T11c	11-pin connector, in left engine compartment
T12d	12-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
V12	Rear window wiper motor
11	Earth point, in battery box
B499	Connection 2 (53c), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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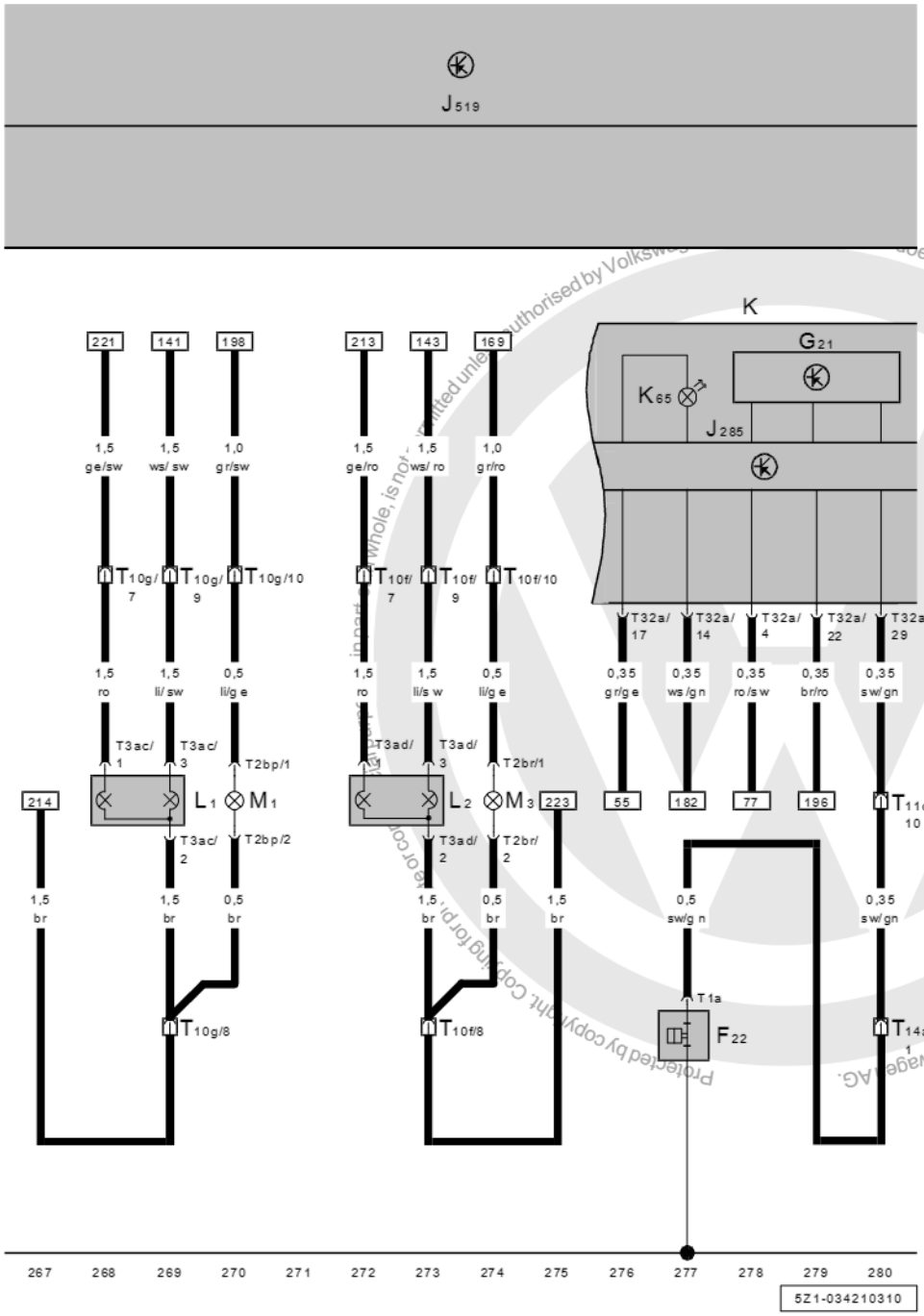


Heater control unit, fresh air blower series resistor with overheating fuse, fresh air blower, fresh air and air recirculation flap control motor

E9	Fresh air blower switch
E159	Fresh air/air recirculation flap switch
F268	Auxiliary heating heater element contact switch
J162	Heater control unit
J519	Onboard supply control unit
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
T2ba	2-pin connector, on fresh air blower
T4ak	4-pin connector, on fresh air blower series resistor with overheating fuse
T5m	5-pin connector, on fresh air blower switch
T6af	6-pin connector, on fresh air and air recirculation flap control motor
T10a	10-pin connector, behind right dash panel
T16d	16-pin connector, on heater control unit
V2	Fresh air blower
V154	Fresh air/recirculated air flap control motor
329	Earth connection 1, in blower box wiring harness
606	Earth point, under the centre console near selector lever
L78	Connection, in fresh air blower wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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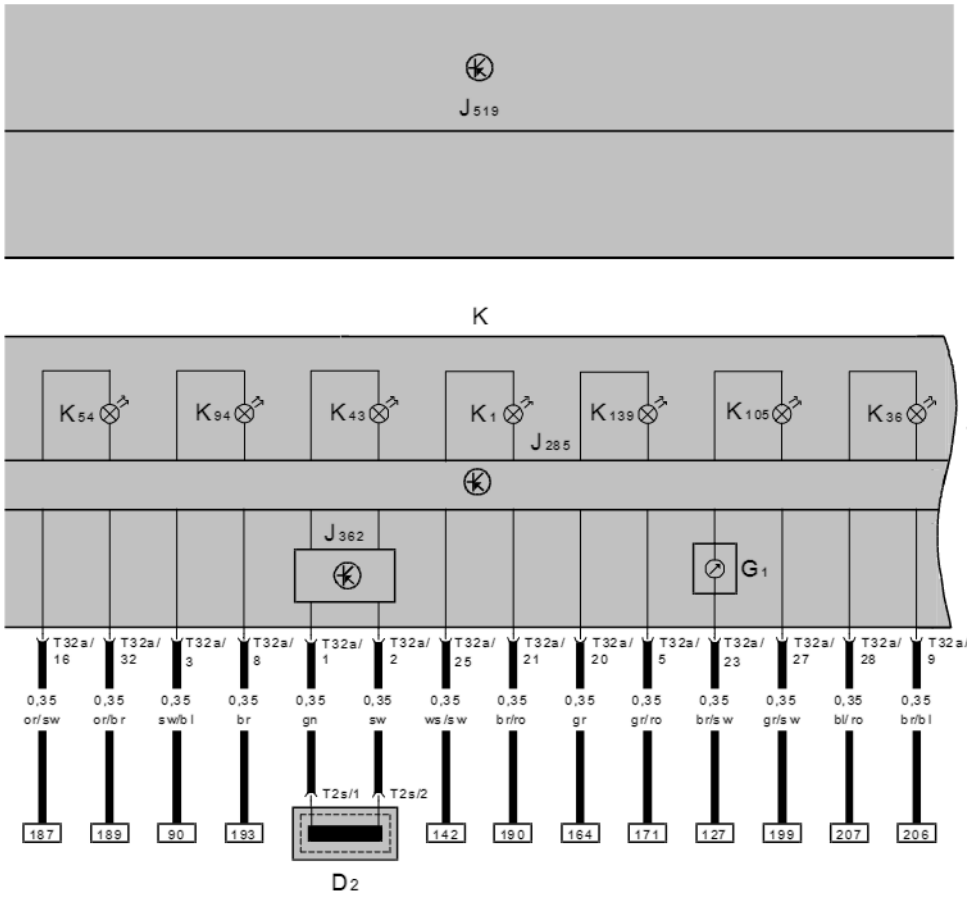


Oil pressure switch, speedometer, dash panel insert, left turn signal warning lamp, left headlight twin filament bulb, left side light bulb

F22	Oil pressure switch
G21	Speedometer
J285	Control unit with display in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K65	Left turn signal warning lamp
L1	Left headlight twin filament bulb/left sealed beam insert
L2	Right headlight twin filament bulb/right sealed beam insert
M1	Left side light bulb
M3	Right side light bulb
T1a	Single pin connector, on oil pressure switch
T2bp	2-pin connector, on left side light bulb
T2br	2-pin connector, on right side light bulb
T3ac	3-pin connector, on left headlight twin filament bulb/left sealed beam insert
T3ad	3-pin connector, on right headlight twin filament bulb/right sealed beam insert
T10f	10-pin connector, in engine compartment, front right
T10g	10-pin connector, in front left engine compartment
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Immobilizer reader coil, fuel gauge, control unit with display in dash panel insert, immobiliser control unit, dash panel insert, main beam warning lamp

D2	Immobilizer reader coil
G1	Fuel gauge
J285	Control unit with display in dash panel insert
J362	Immobilizer control unit
J519	Onboard supply control unit
K	Dash panel insert
K1	Main beam warning lamp
K36	Coolant shortage warning lamp
K43	Coolant temperature warning lamp (too cold)
K54	Battery charge condition warning lamp: red LED for less than 12 Volt
K94	Right turn signal warning lamp
K105	Reserve fuel warning lamp
K139	Handbrake warning lamp
T2s	2-pin connector, on immobilizer reader coil
T32a	32-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Heated rear window (Europe)

from November 2004 up to September 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

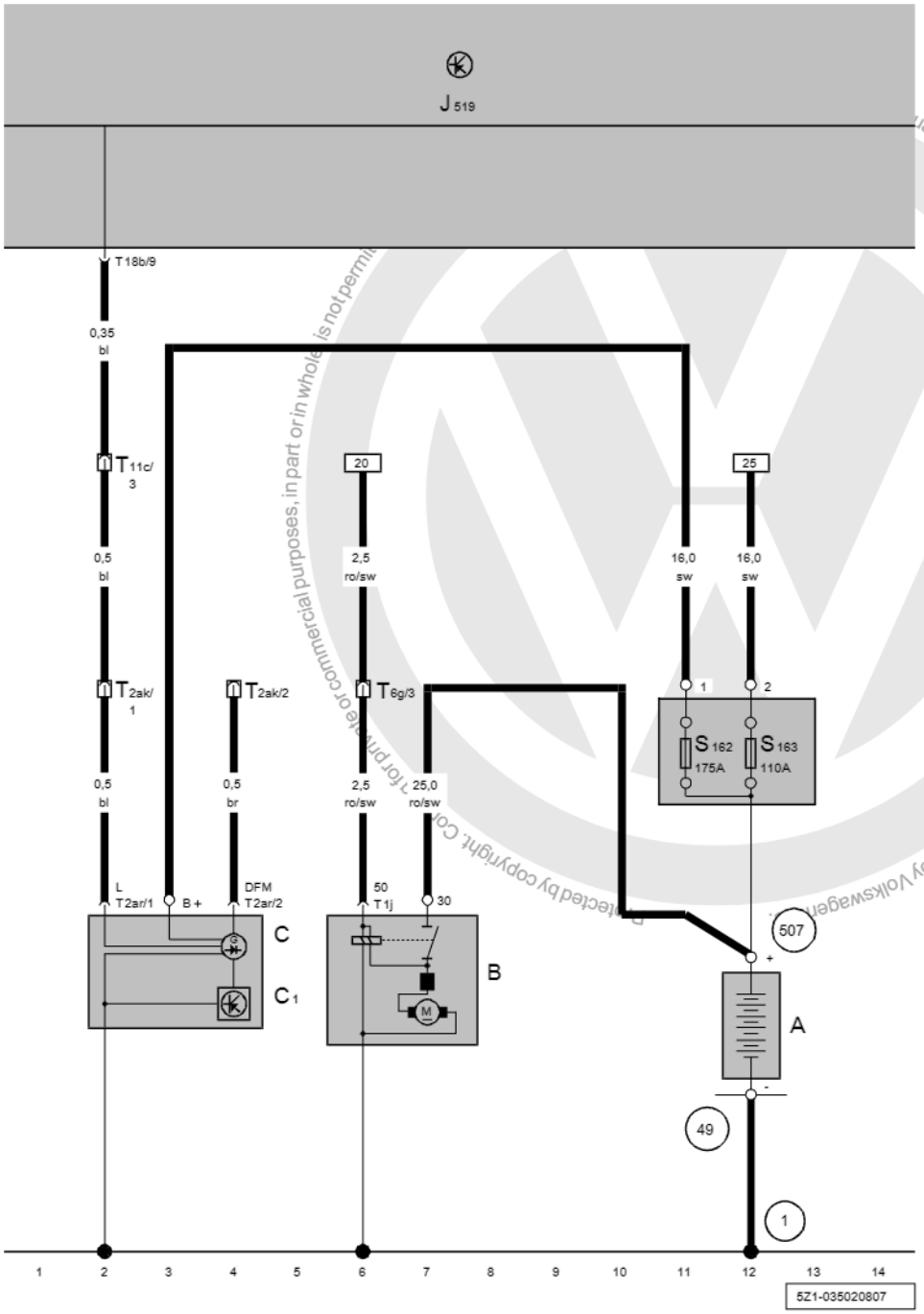
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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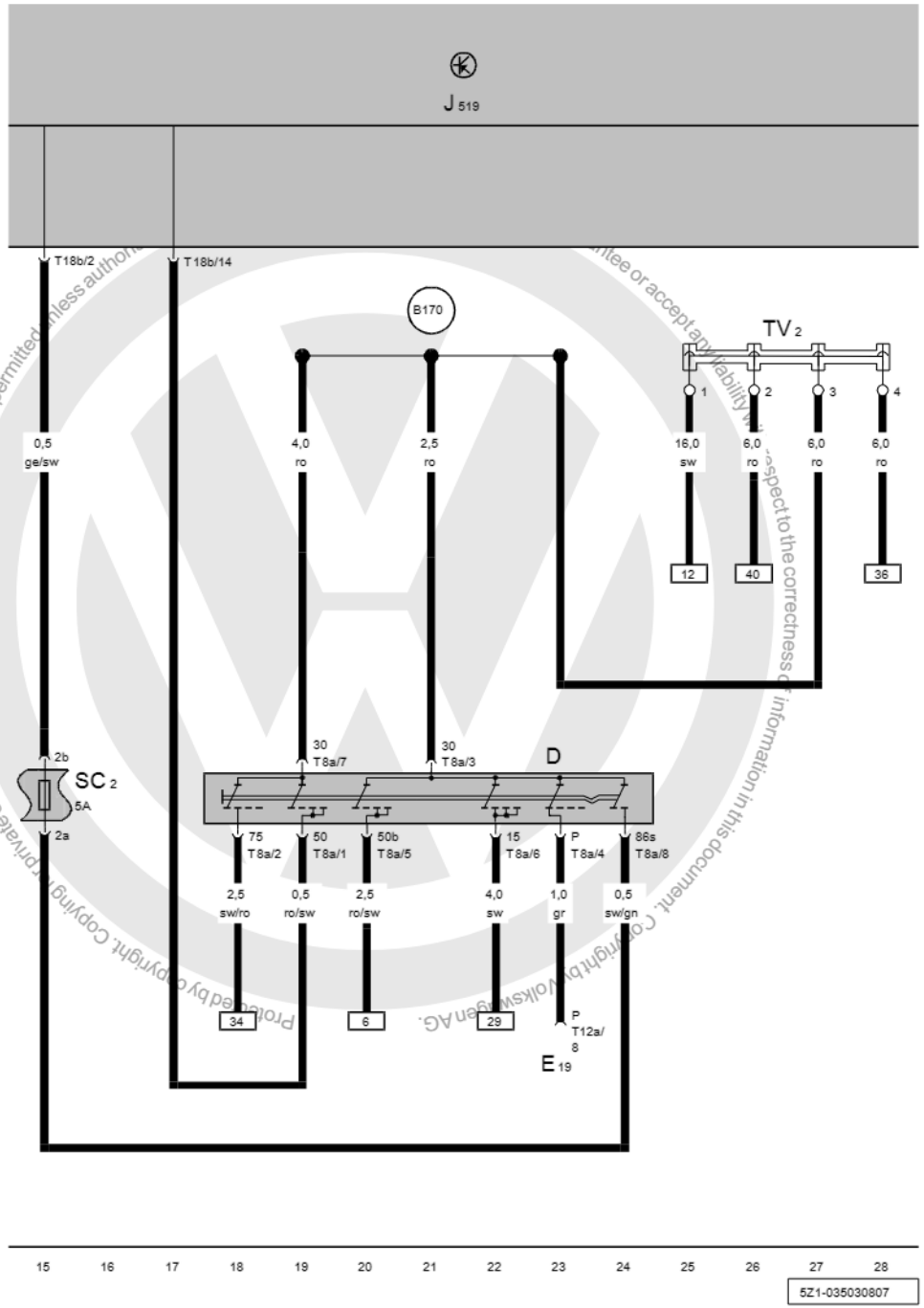


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

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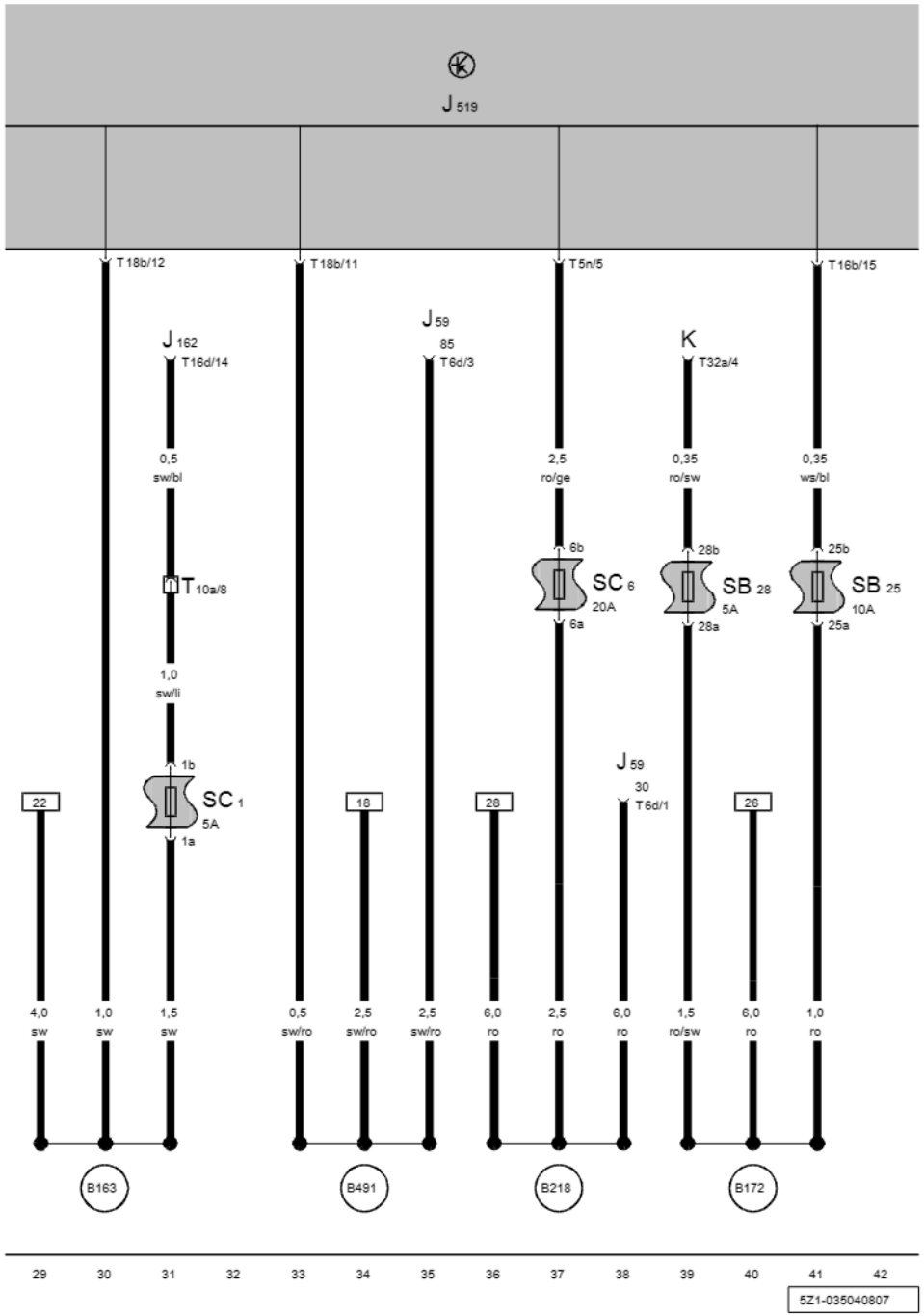


Ignition/starter switch, onboard supply control unit, terminal 30 wiring junction

D	Ignition/starter switch
E19	Parking light switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T12a	12-pin connector, on light switch
T18b	18-pin connector, on onboard supply control unit
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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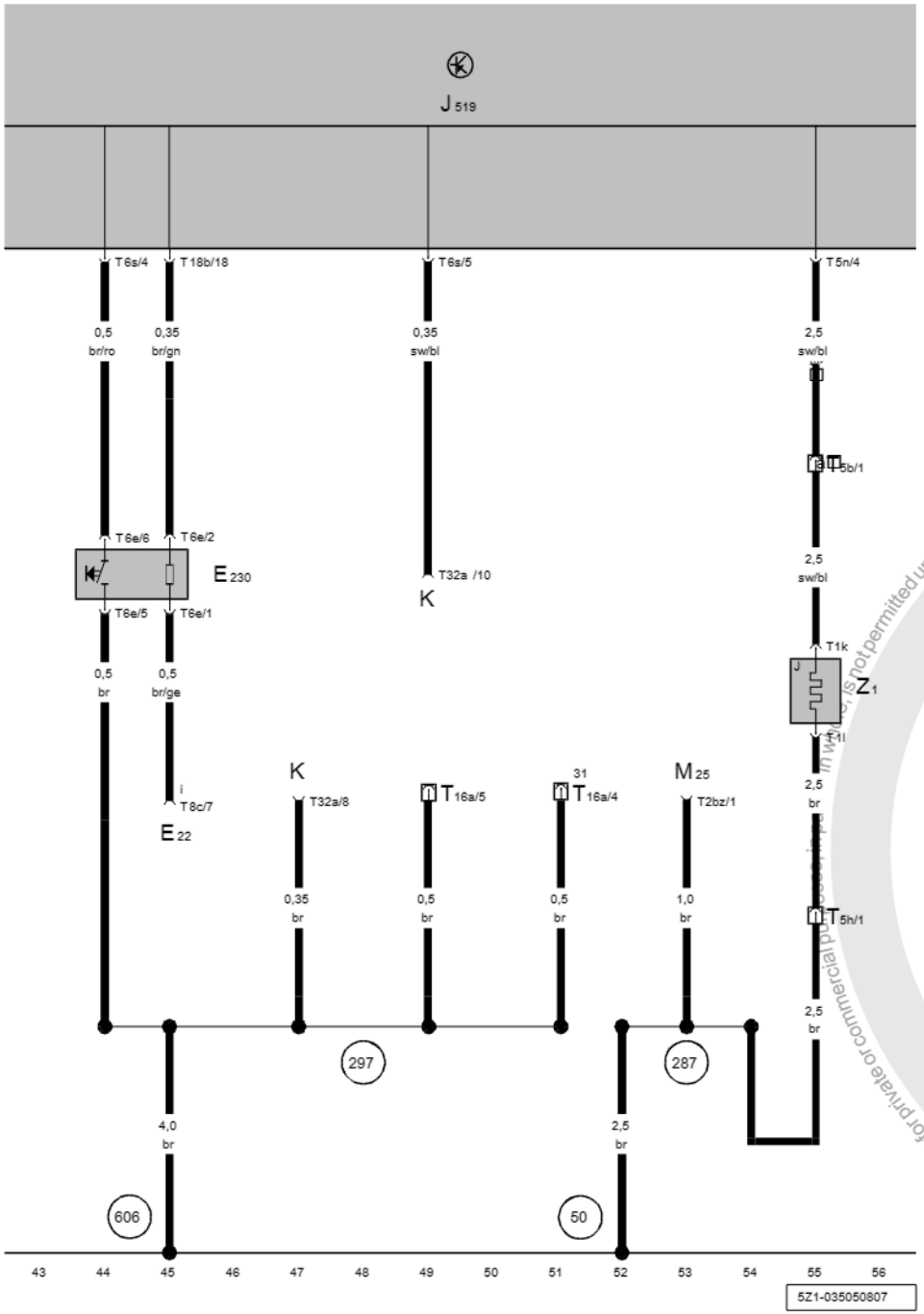


Onboard supply control unit

J59	X-contact relief relay
J162	Heater control unit
J519	Onboard supply control unit
K	Dash panel insert
SB25	Fuse 25 on fuse holder B
SB28	Fuse 28 on fuse holder B
SC1	Fuse 1 on fuse holder C
SC6	Fuse 6 on fuse holder C
T5n	5-pin connector, on onboard supply control unit
T6d	6-pin connector, on X-contact relief relay
T10a	10-pin connector, behind centre dash panel
T16b	16-pin connector, on onboard supply control unit
T16d	16-pin connector, on heater control unit
T18b	18-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
B163	Positive connection 1 (15), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
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Heated rear window button, onboard supply control unit, heated rear window

E22	Intermittent wiper switch
E230	Heated rear window switch
J519	Onboard supply control unit
K	Dash panel insert
M25	Brake light bulb
T1k	Single connector, on heated rear window
T1l	Single connector, on heated rear window
T2bz	2-pin connector, on brake light bulb
T5b	5-pin connector, behind trim on left, near wheel arch
T5h	5-pin connector, in rear lid
T5n	5-pin connector, on onboard supply control unit
T6e	6-pin connector, on heated rear window switch
T6s	6-pin connector, on onboard supply control unit
T8c	8-pin connector, on intermittent wiper switch
T16a	16-pin connector, on fuse holder
T18b	18-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
Z1	Heated rear window
50	Earth points, on left in luggage compartment
287	Earth connection, in rear lid feeder wiring harness
297	Earth connection 12, in interior wiring harness
606	Earth point, under the centre console near selector lever

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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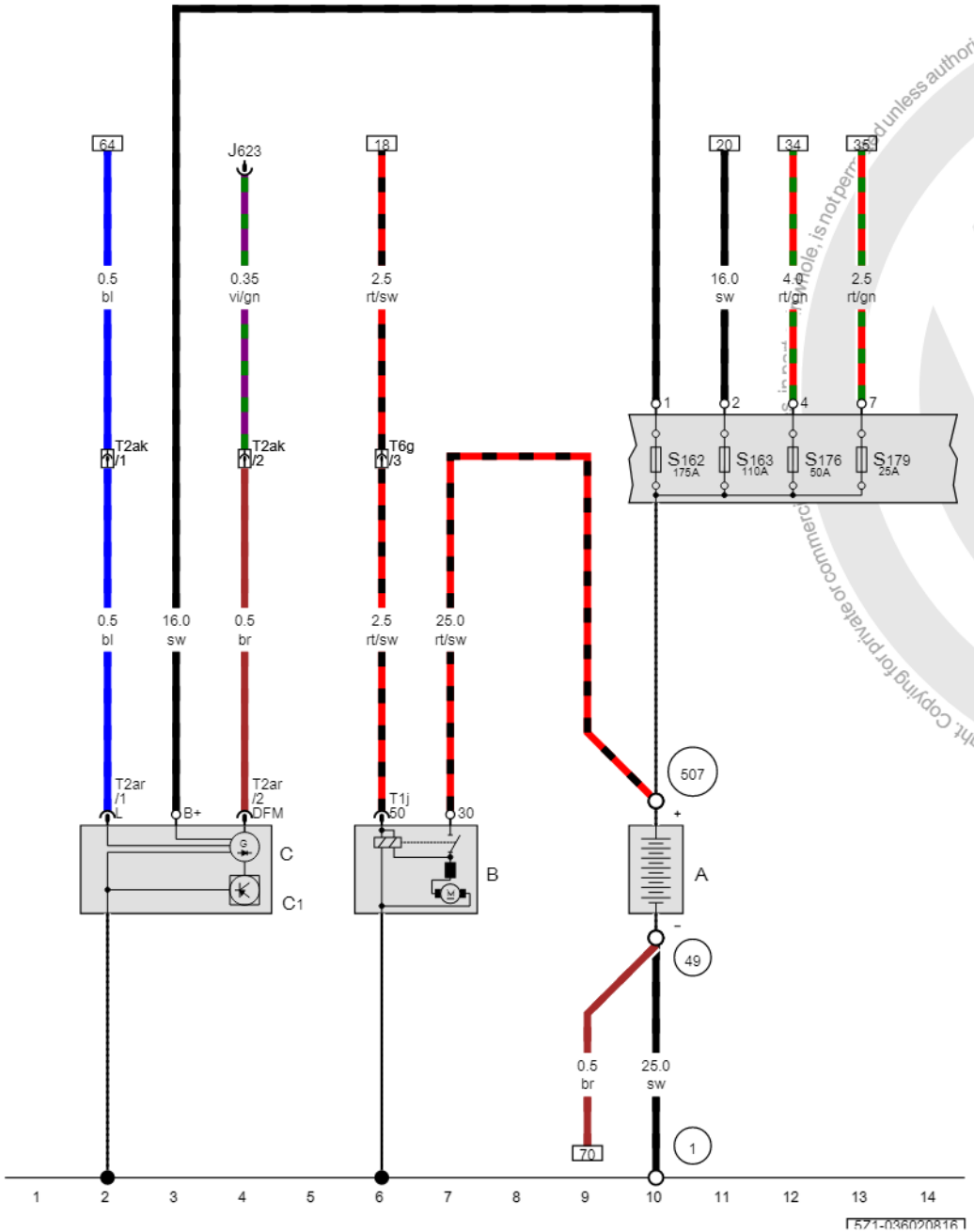
Anti-lock brake system (ABS) , (F6G)

From November 2004

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Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S176	Fuse 4 (30), in battery fuse holder
S179	Fuse 7 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, front in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

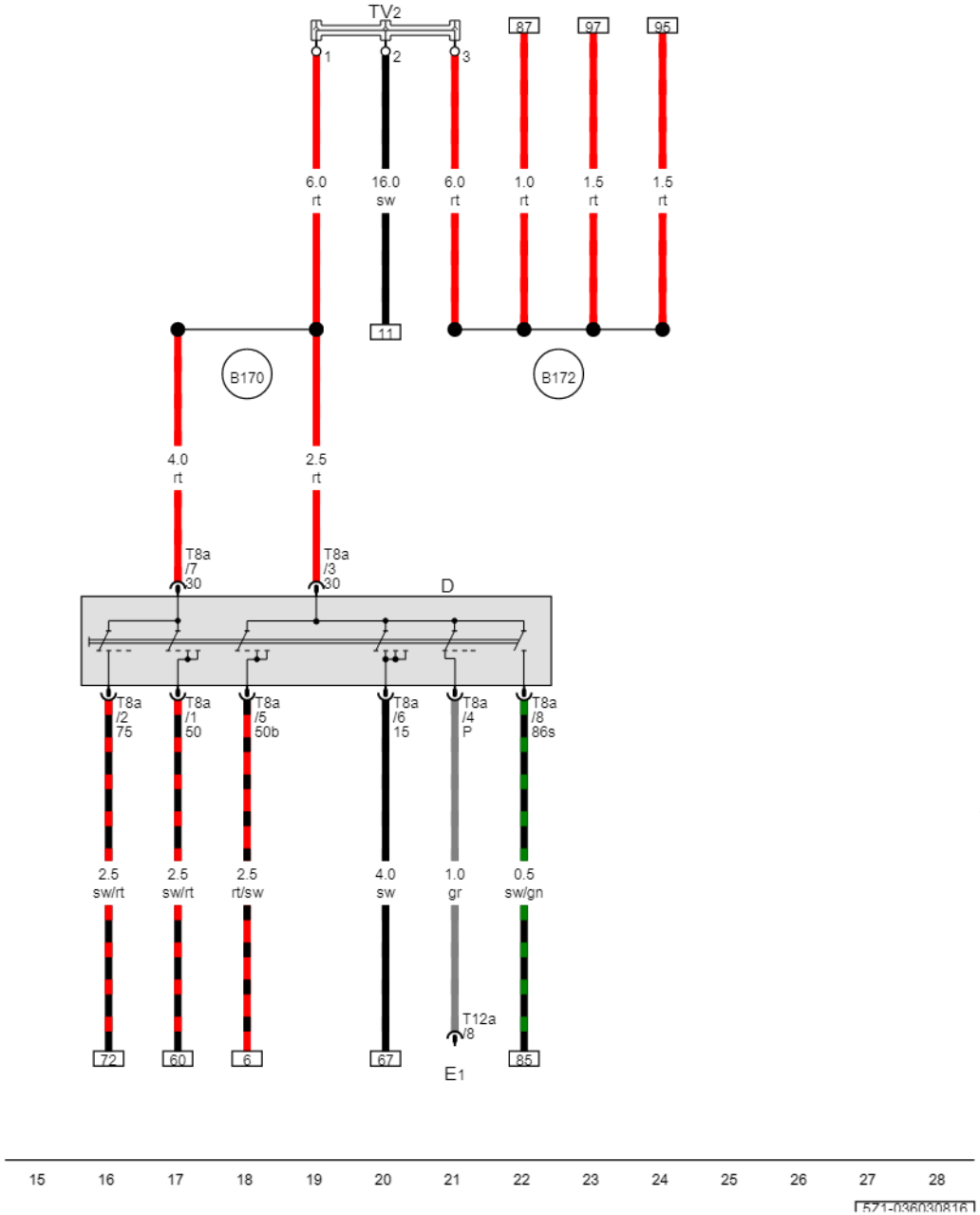


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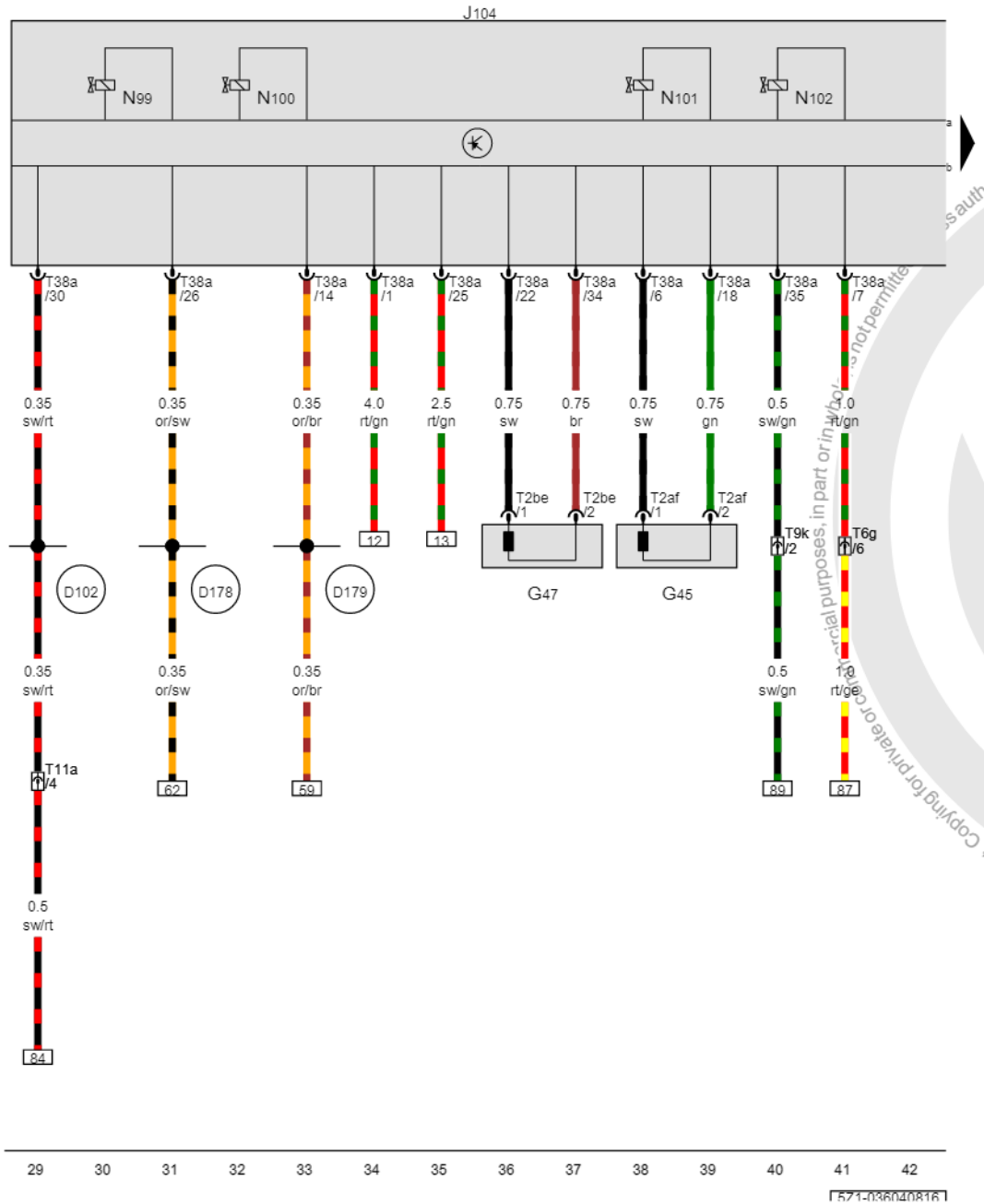
Ignition/starter switch, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
T8a	8-pin connector
T12a	12-pin connector
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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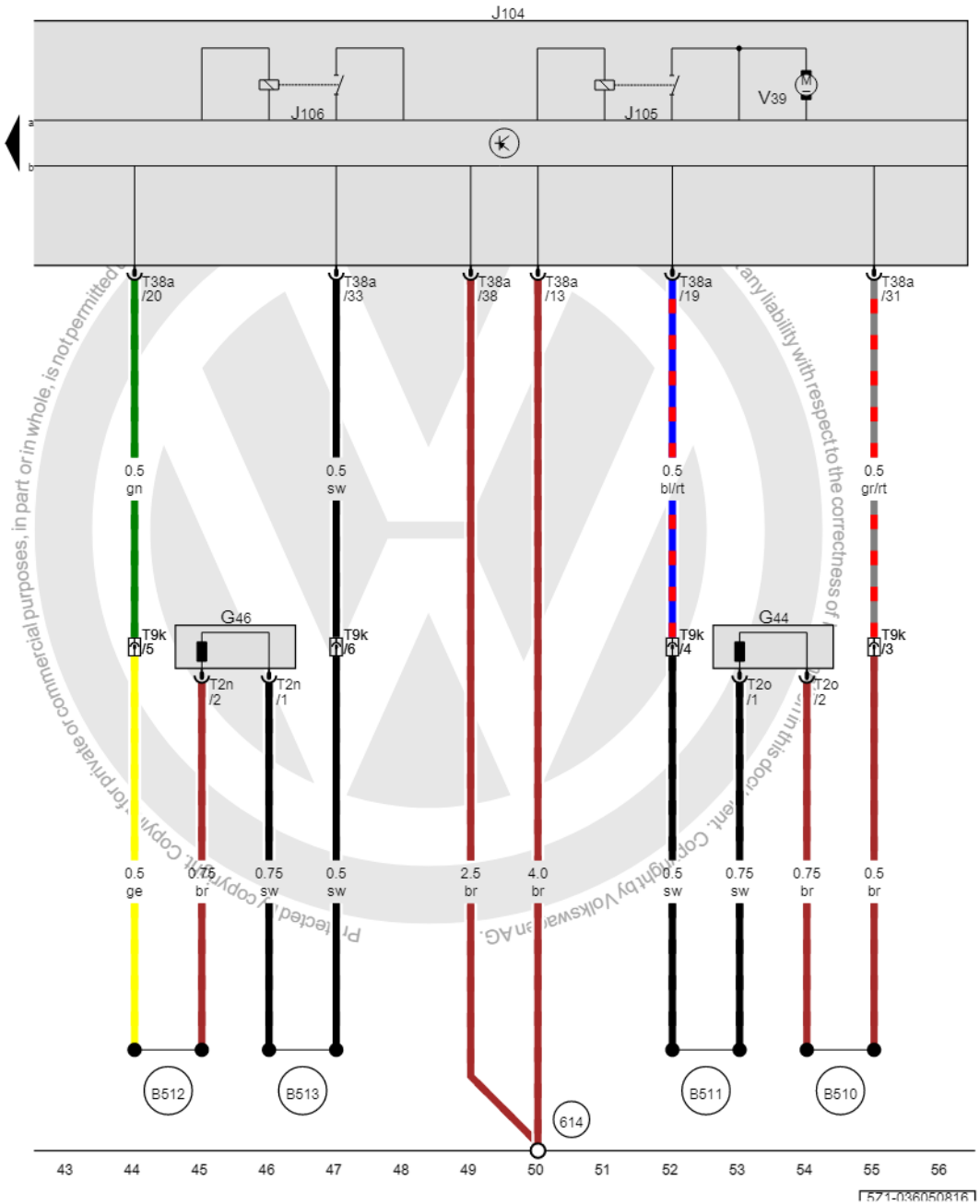


Front right speed sensor, Front left speed sensor, ABS control unit, Front right ABS inlet valve, Front right ABS outlet valve, Front left ABS inlet valve, Front left ABS outlet valve

G45	Front right speed sensor
G47	Front left speed sensor
J104	ABS control unit
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N101	Front left ABS inlet valve
N102	Front left ABS outlet valve
T2af	2-pin connector
T2be	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T9k	9-pin connector, on left in plenum chamber
T11a	11-pin connector, on left in plenum chamber
T38a	38-pin connector
D102	Connection 2 in engine compartment wiring harness
D178	Connection 2 (high bus), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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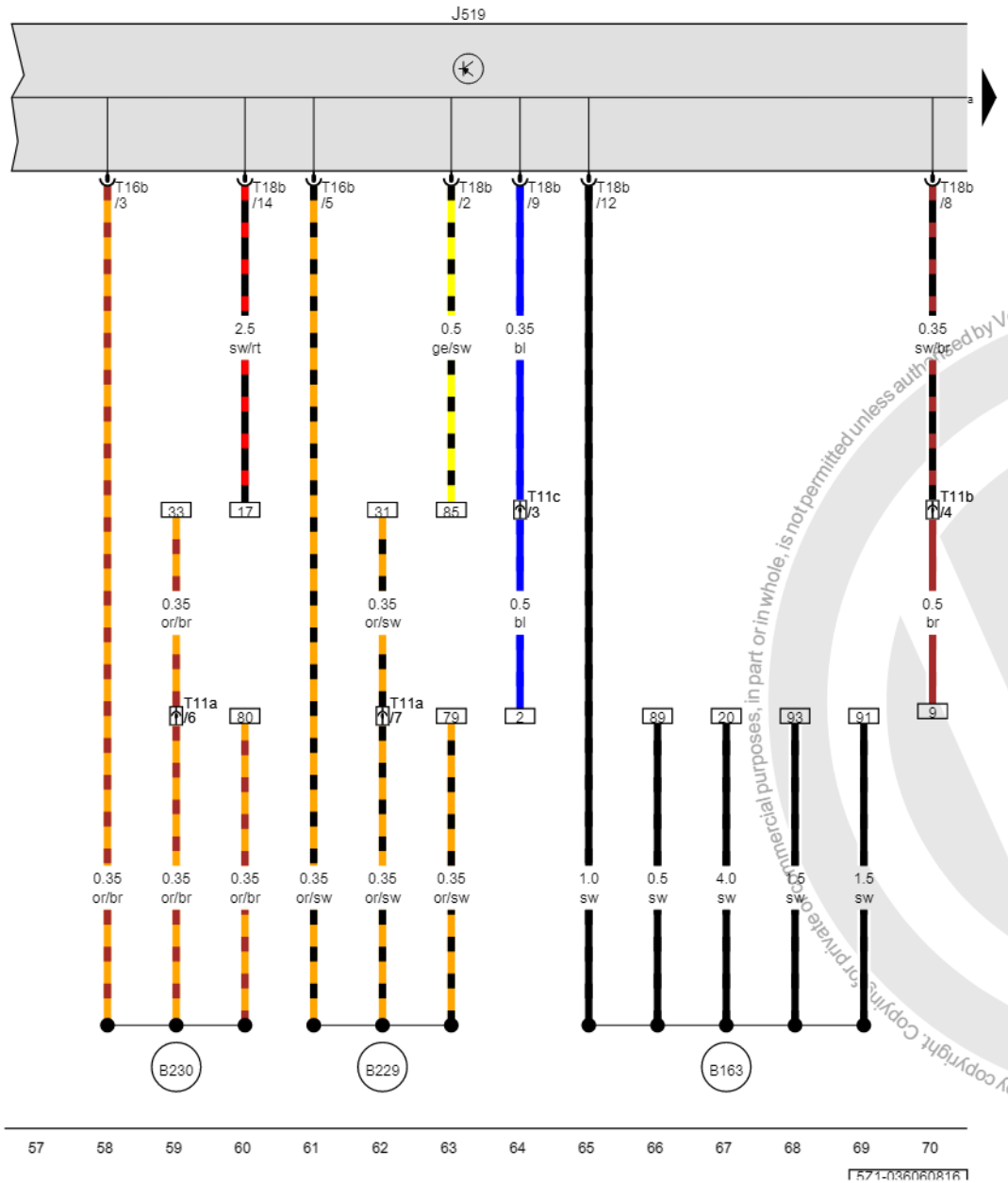


Rear right speed sensor, Rear left speed sensor, ABS control unit, ABS return flow pump relay, ABS solenoid valve relay, ABS return flow pump

G44	Rear right speed sensor
G46	Rear left speed sensor
J104	ABS control unit
J105	ABS return flow pump relay
J106	ABS solenoid valve relay
T2n	2-pin connector
T2o	2-pin connector
T9k	9-pin connector, on left in plenum chamber
T38a	38-pin connector
V39	ABS return flow pump
614	Earth point 2, on right in engine compartment
B510	Connection 1 (rear right speed sensor), in interior wiring harness
B511	Connection 2 (rear right speed sensor), in interior wiring harness
B512	Connection 1 (rear left speed sensor), in interior wiring harness
B513	Connection 2 (rear left speed sensor), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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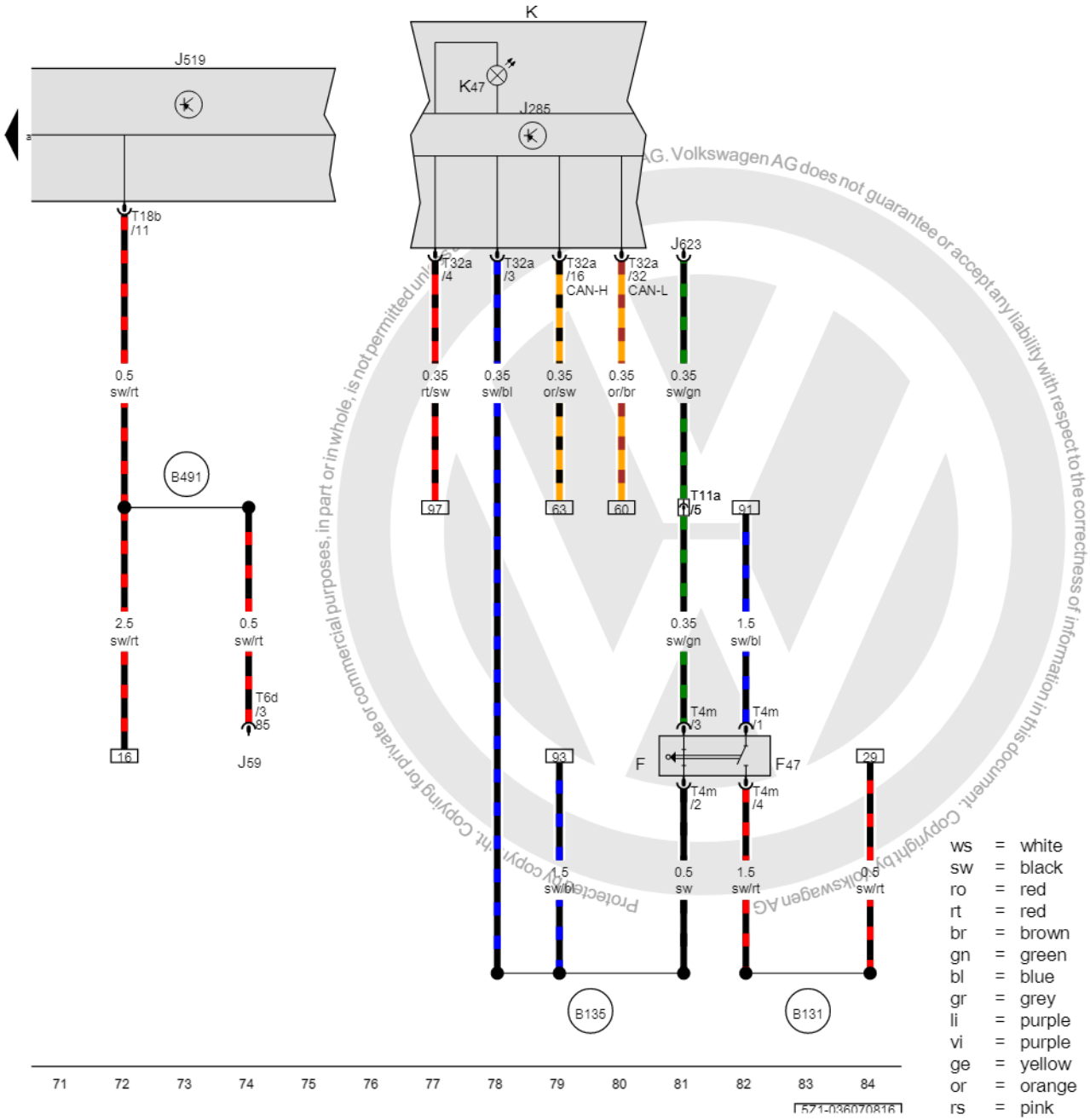
Onboard supply control unit

J519	Onboard supply control unit
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T16b	16-pin connector
T18b	18-pin connector
B163	Positive connection 1 (15), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Brake light switch, Brake pedal switch, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert, ABS warning lamp



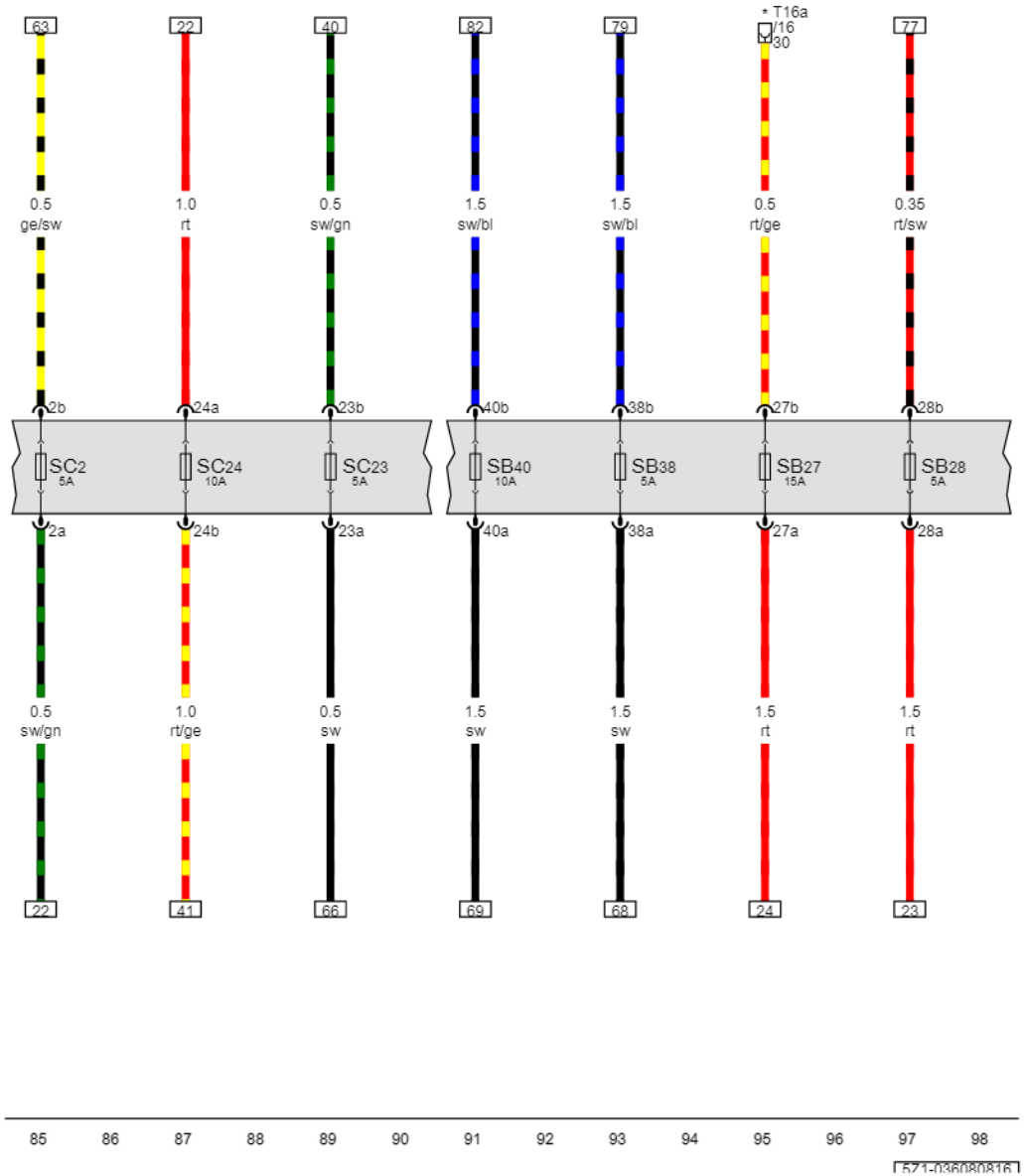
F	Brake light switch
F47	Brake pedal switch
J59	X-contact relief relay
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J623	Engine control unit
K	Dash panel insert
K47	ABS warning lamp
T4m	4-pin connector
T6d	6-pin connector
T11a	11-pin connector, on left in plenum chamber
T18b	18-pin connector
T32a	32-pin connector
B131	Connection (54), in interior wiring harness
B135	Connection 1 (15a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Fuse 2 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C, Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B

SC2	Fuse 2 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC24	Fuse 24 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
T16a	16-pin connector
*	Diagnostic connection



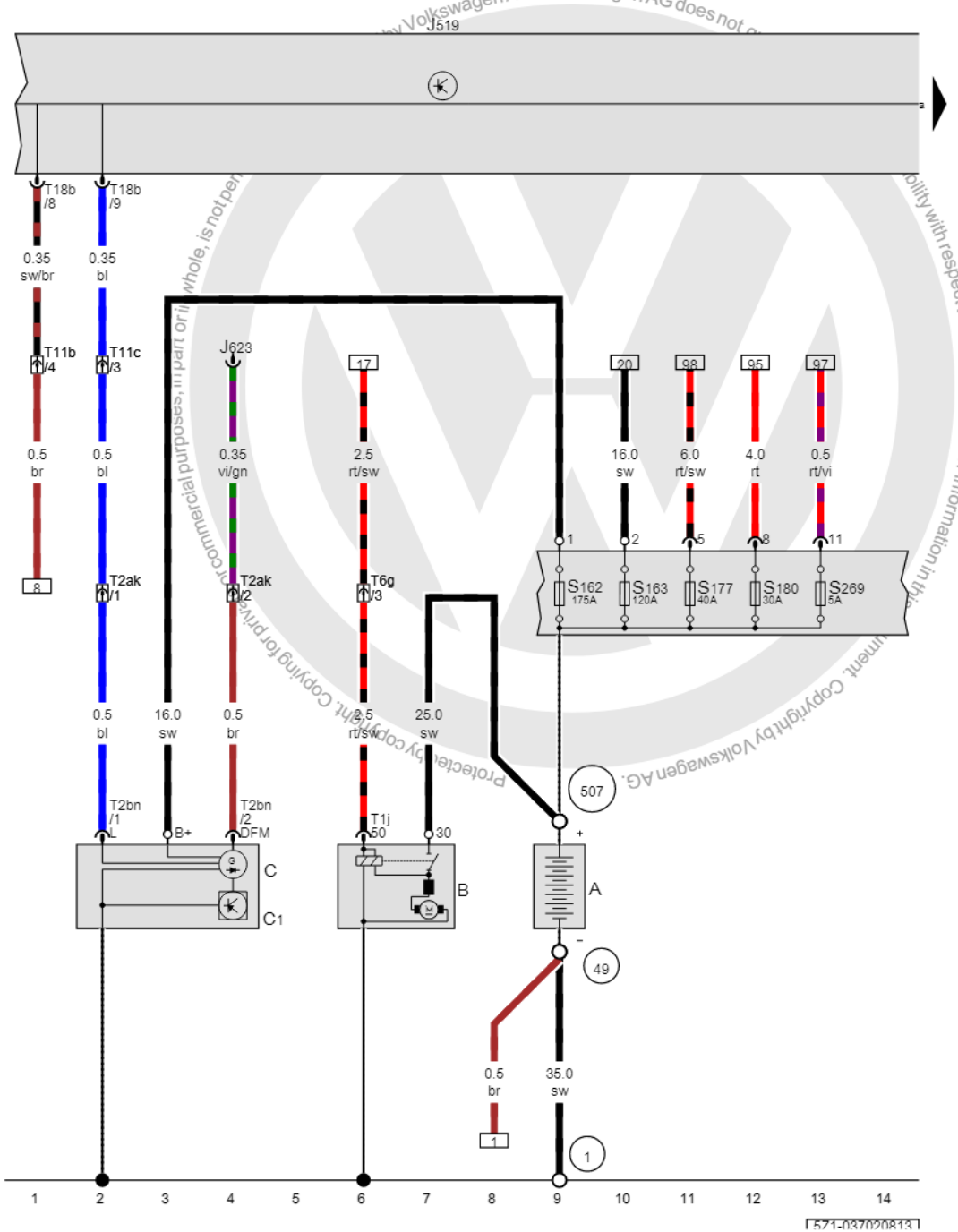
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Climatic , BKR,(F6G)

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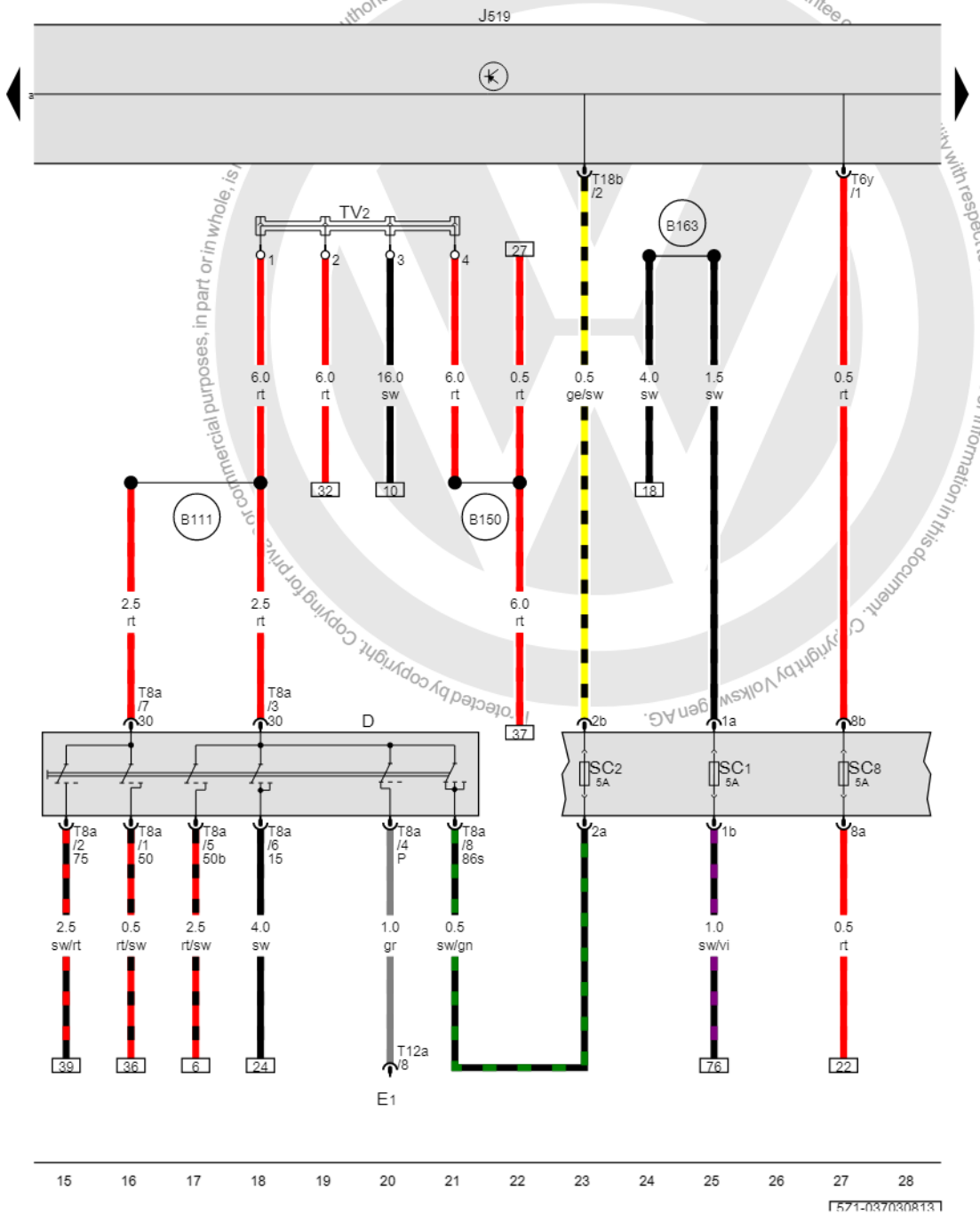


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S177	Fuse 5 (30), in battery fuse holder
S180	Fuse 8 (30), in battery fuse holder
S269	Fuse 11 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2bn	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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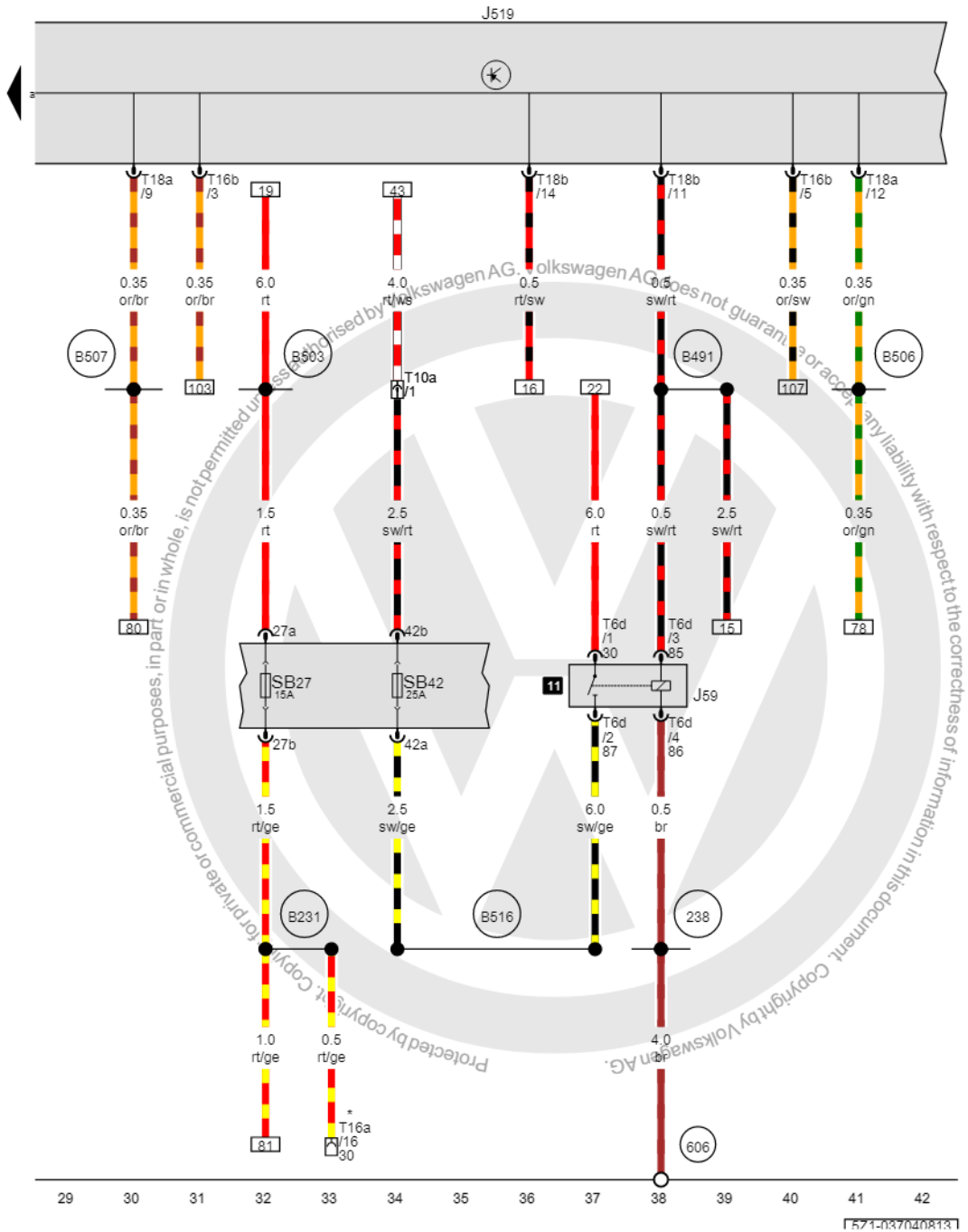


Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J519	Onboard supply control unit
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
SC8	Fuse 8 on fuse holder C
T6y	6-pin connector
T8a	8-pin connector
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B111	Positive connection 1 (30a), in interior wiring harness
B150	Positive connection 2 (30a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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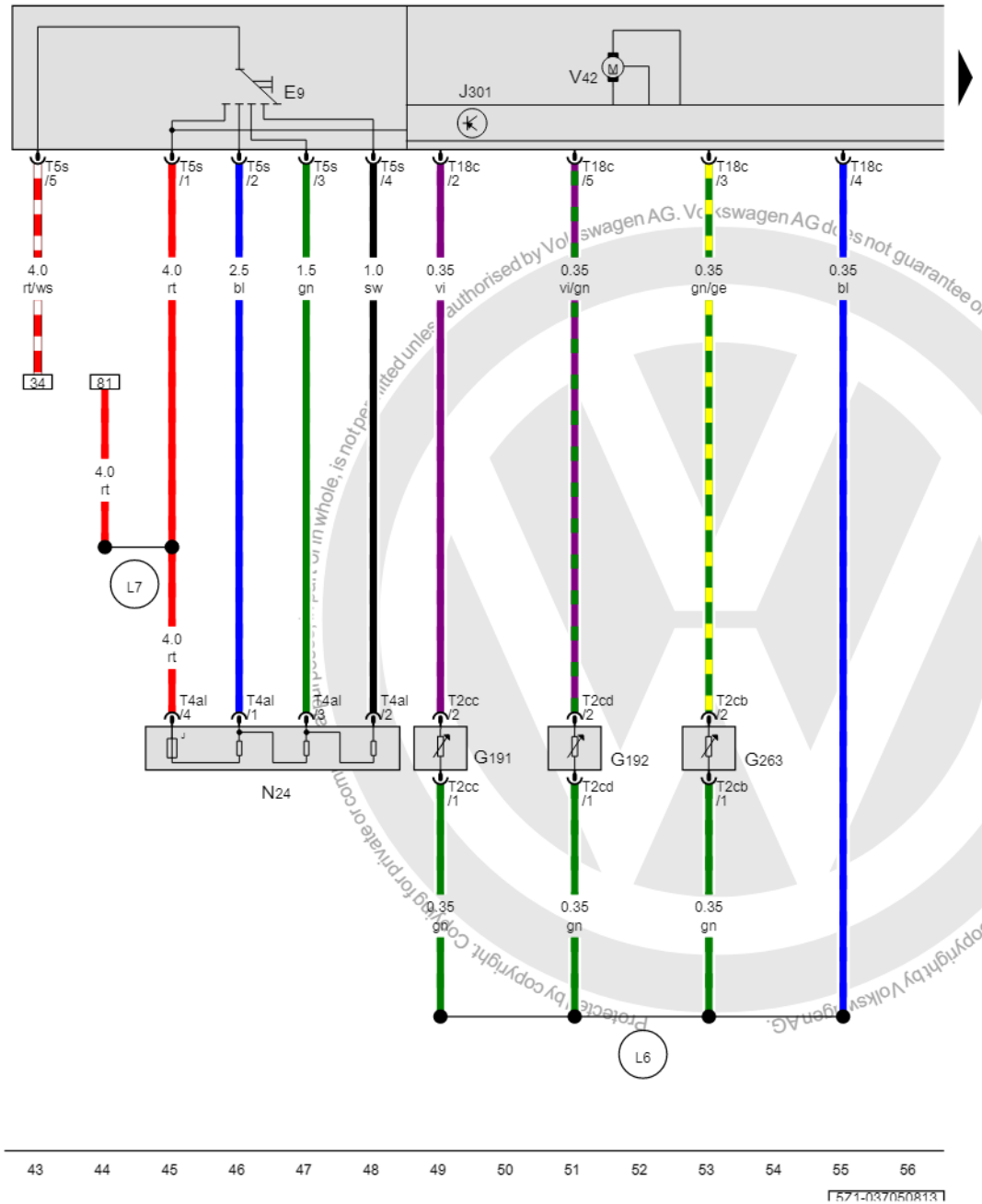


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X-contact relief relay, Onboard supply control unit

J59	X-contact relief relay
J519	Onboard supply control unit
SB27	Fuse 27 on fuse holder B
SB42	Fuse 42 on fuse holder B
T6d	6-pin connector
T10a	10-pin connector, behind dash panel, right
T16a	16-pin connector
T16b	16-pin connector
T18a	18-pin connector
T18b	18-pin connector
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near gear stick
B231	Positive connection 5 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B503	Positive connection 7 (30a), in interior wiring harness
B506	Connection (convenience CAN bus, high), in interior wiring harness
B507	Connection (convenience CAN bus, low), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
*	Diagnostic connection

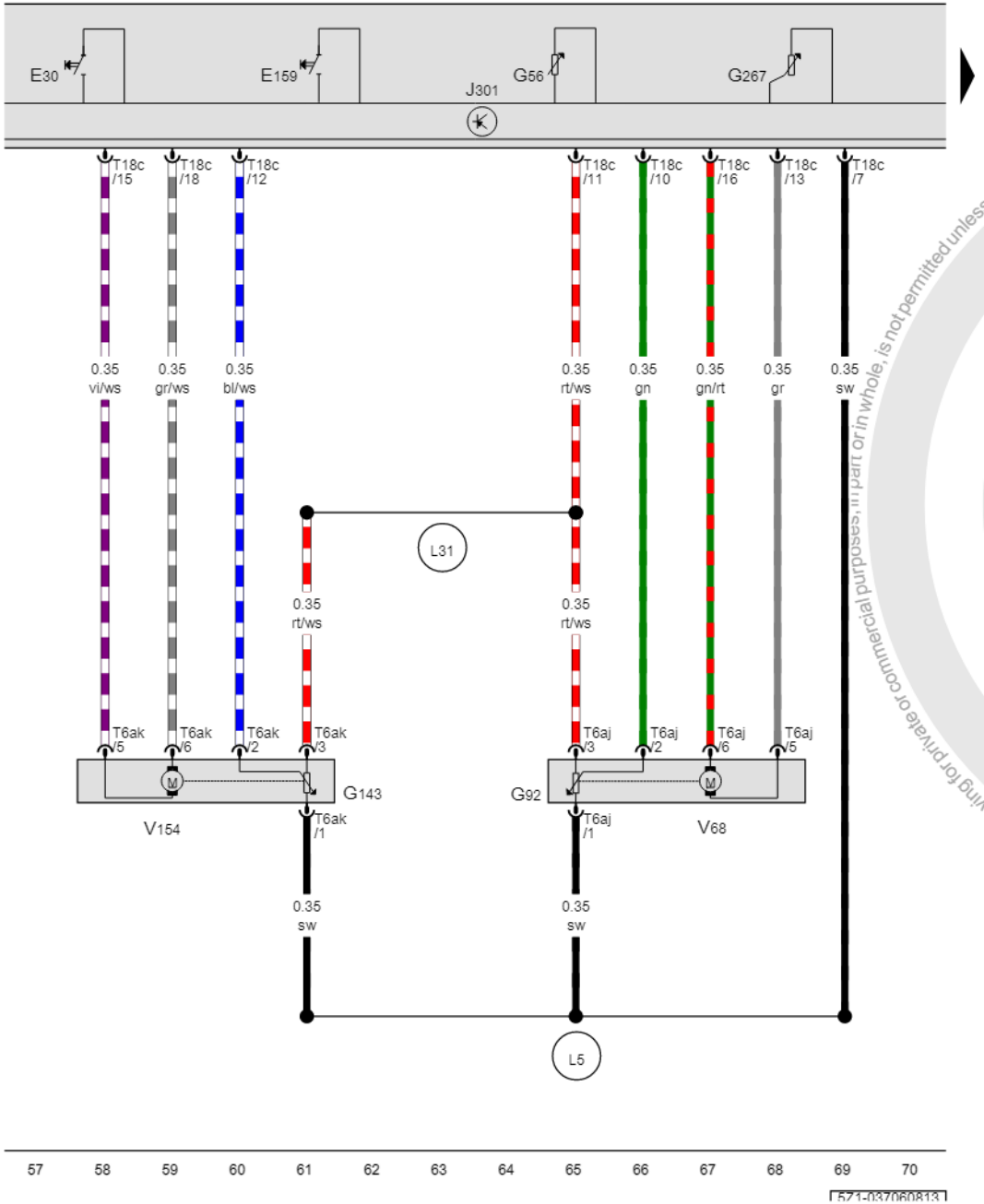
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Fresh air blower switch, Centre vent temperature sender, Footwell vent temperature sender, Evaporator output temperature sender, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Temperature sensor blower

E9	Fresh air blower switch
G191	Centre vent temperature sender
G192	Footwell vent temperature sender
G263	Evaporator output temperature sender
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
T2cb	2-pin connector
T2cc	2-pin connector
T2cd	2-pin connector
T4al	4-pin connector
T5s	5-pin connector
T18c	18-pin connector
V42	Temperature sensor blower
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness

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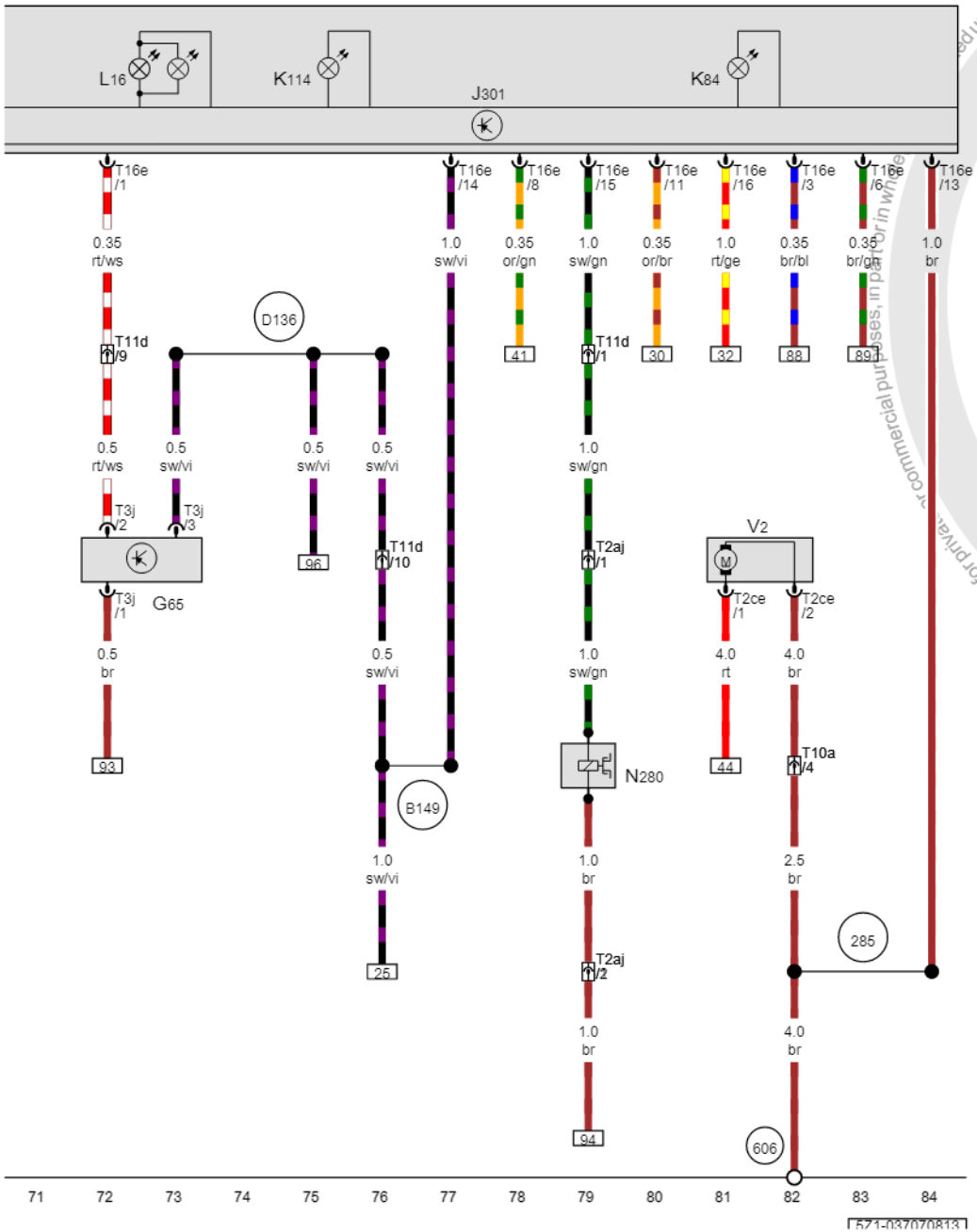


Fresh air and air recirculation flap switch, Potentiometer for temperature flap control motor, Potentiometer for air recirculation flap control motor, Air conditioning system control unit, Temperature flap control motor, Fresh air and air recirculation flap control motor

E30	Air conditioning system switch
E159	Fresh air and air recirculation flap switch
G56	Dash panel temperature sensor
G92	Potentiometer for temperature flap control motor
G143	Potentiometer for air recirculation flap control motor
G267	Potentiometer for temperature selection rotary knob
J301	Air conditioning system control unit
T6aj	6-pin connector
T6ak	6-pin connector
T18c	18-pin connector
V68	Temperature flap control motor
V154	Fresh air and air recirculation flap control motor
L5	Connection 1, in evaporator housing unit wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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High-pressure sender, Air conditioning system control unit, Air conditioning system warning lamp, Fresh air and air recirculation warning lamp, Fresh air regulator illumination bulb, Air conditioner compressor regulating valve, Fresh air blower

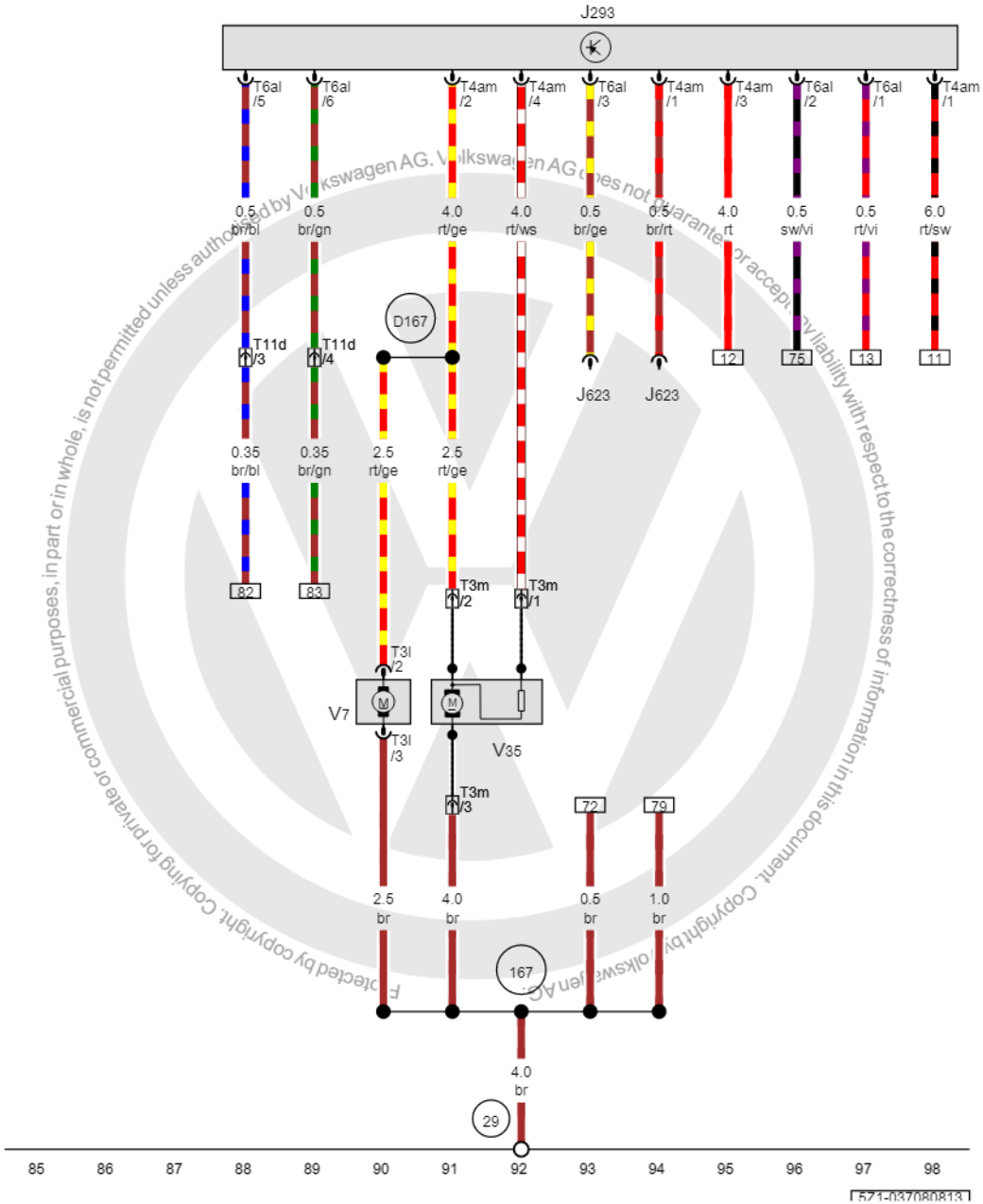
G65	High-pressure sender
J301	Air conditioning system control unit
K84	Air conditioning system warning lamp
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
N280	Air conditioner compressor regulating valve
T2aj	2-pin connector
T2ce	2-pin connector
T3j	3-pin connector
T10a	10-pin connector, behind dash panel, right
T11d	11-pin connector, on left in plenum chamber
T16e	16-pin connector
V2	Fresh air blower
285	Earth connection 7, in interior wiring harness
606	Earth point, under the centre console near gear stick
B149	Positive connection 2 (15a), in interior wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radiator fan control unit, Radiator fan, Right radiator fan

J293	Radiator fan control unit
J623	Engine control unit
T3l	3-pin connector
T3m	3-pin connector
T4am	4-pin connector
T6al	6-pin connector
T11d	11-pin connector, on left in plenum chamber
V7	Radiator fan
V35	Right radiator fan
29	Earth point, near ...
167	Earth connection 4, in engine compartment wiring harness
D167	Connection (fan stage I), in engine compartment wiring harness

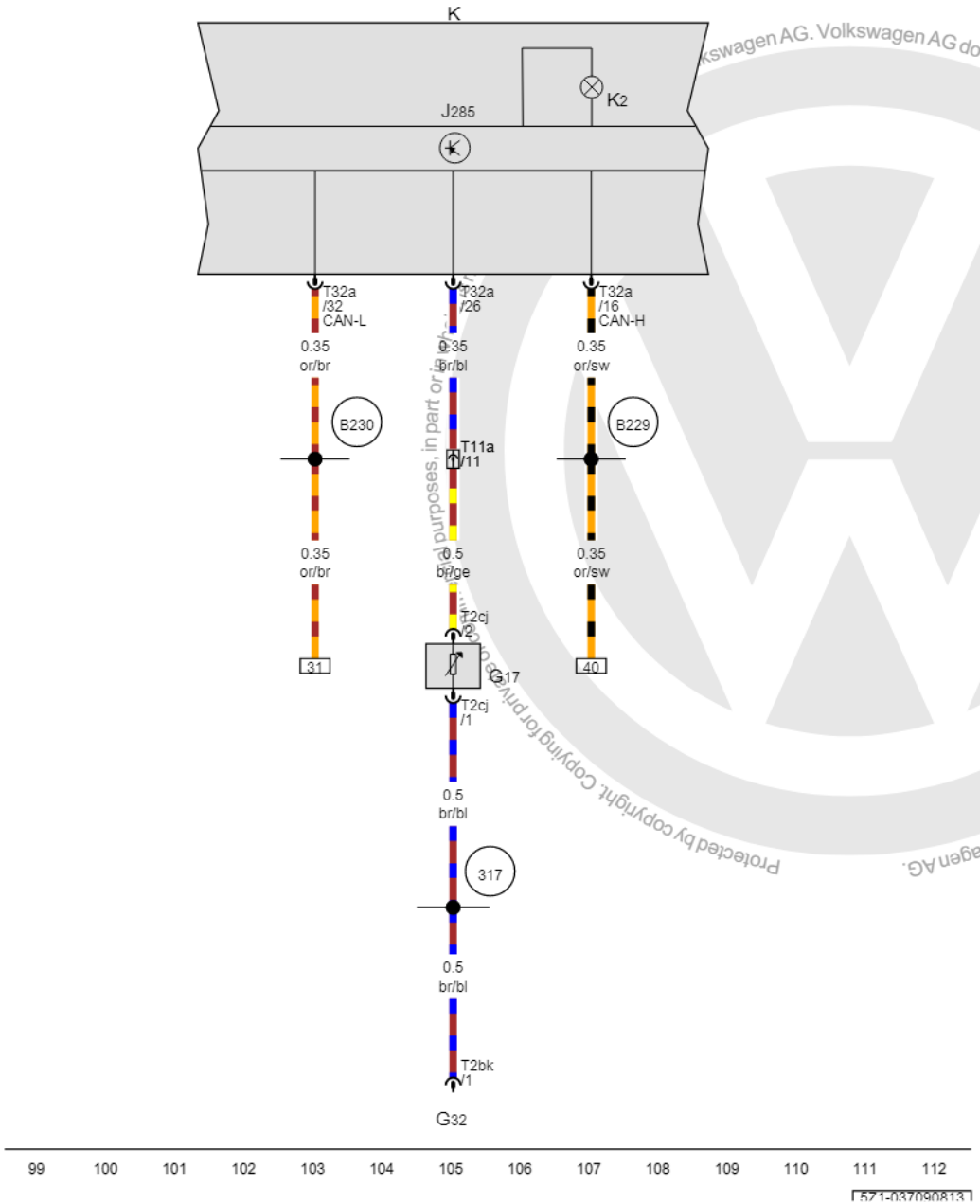


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or	=	orange
rs	=	pink

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Ambient temperature sensor, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
T2bk	2-pin connector
T2cj	2-pin connector
T11a	11-pin connector, on left in plenum chamber
T32a	32-pin connector
317	Earth connection 7, in engine compartment wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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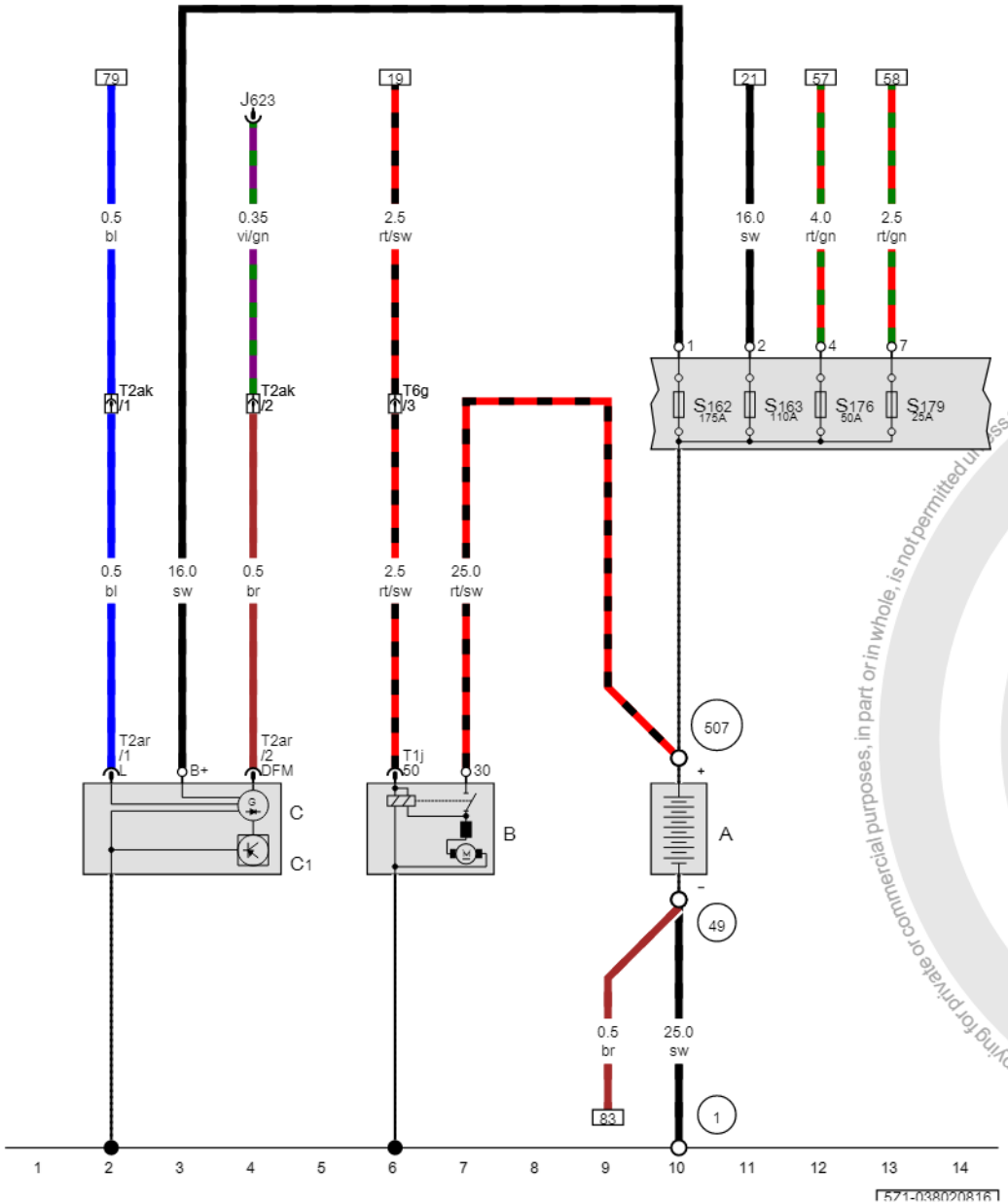
Anti-lock brake system (ABS) with electronic differential lock (EDL) and traction control system (TCS) and electronic stabilisation program (ESP) , (F6G)

From November 2004

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Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S176	Fuse 4 (30), in battery fuse holder
S179	Fuse 7 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, front in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

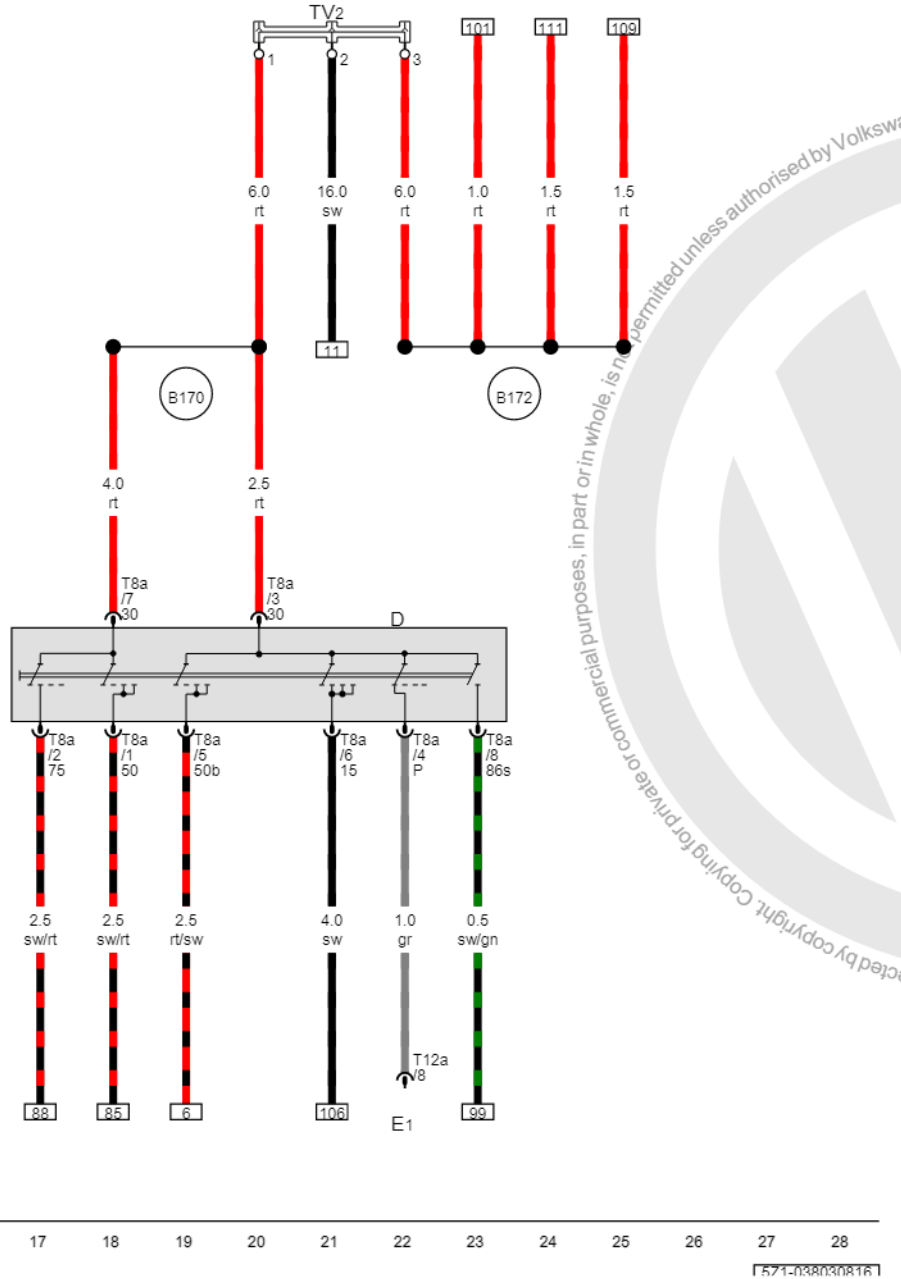


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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
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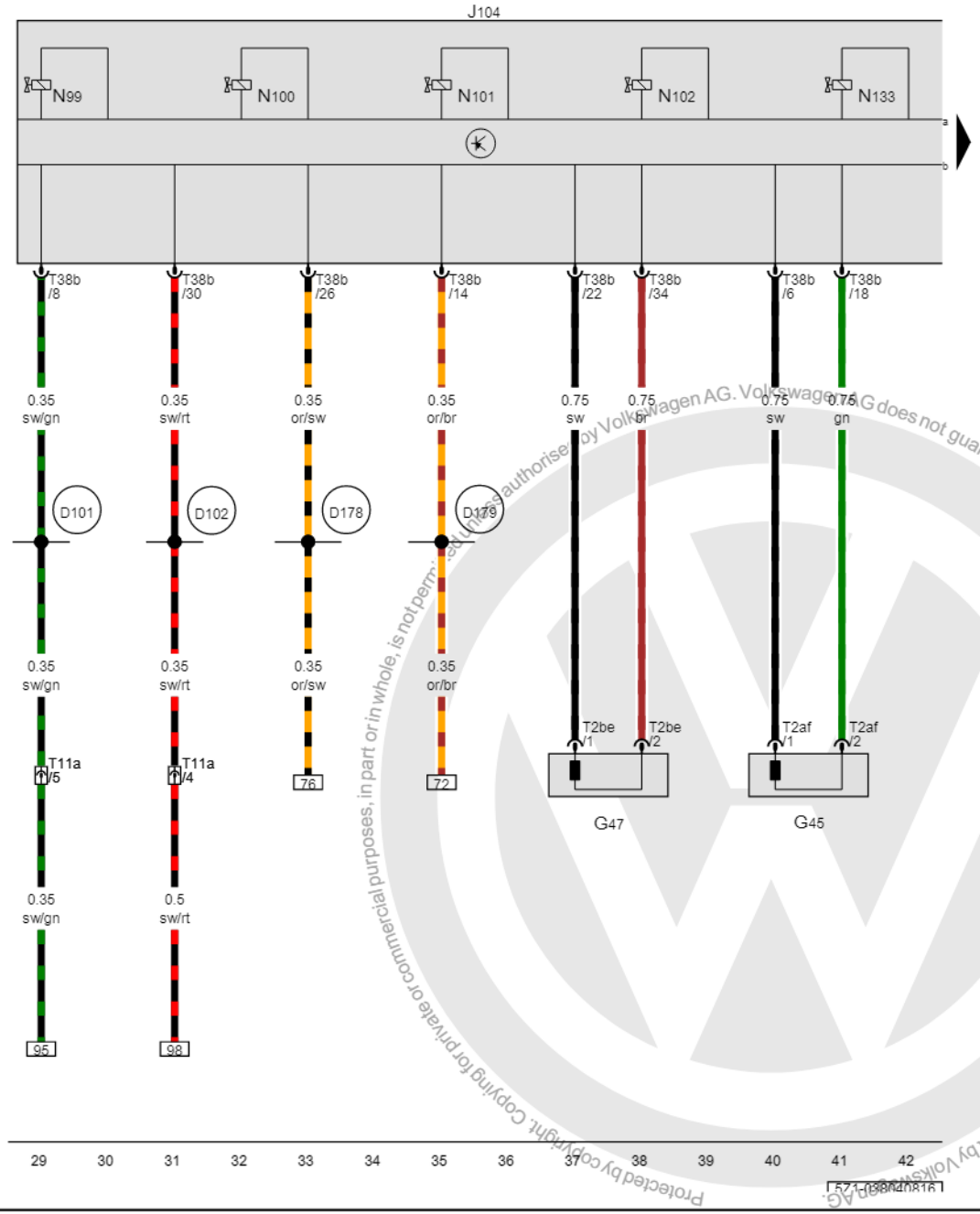
Ignition/starter switch, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
T8a	8-pin connector
T12a	12-pin connector
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

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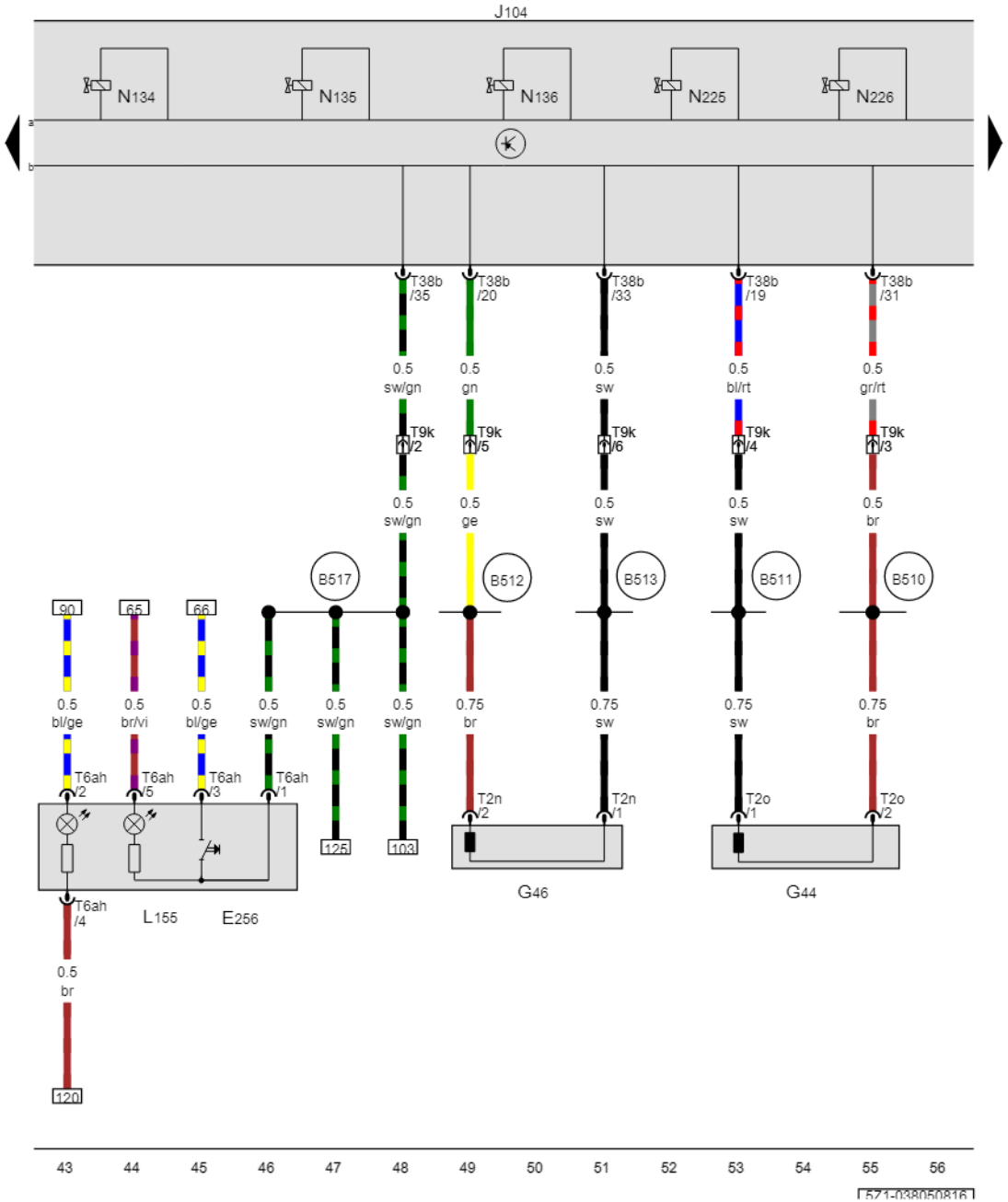


Front right speed sensor, Front left speed sensor, ABS control unit, Front right ABS inlet valve, Front right ABS outlet valve, Front left ABS inlet valve, Front left ABS outlet valve, Rear right ABS inlet valve

G45	Front right speed sensor
G47	Front left speed sensor
J104	ABS control unit
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N101	Front left ABS inlet valve
N102	Front left ABS outlet valve
N133	Rear right ABS inlet valve
T2af	2-pin connector
T2be	2-pin connector
T11a	11-pin connector, on left in plenum chamber
T38b	38-pin connector
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D178	Connection 2 (high bus), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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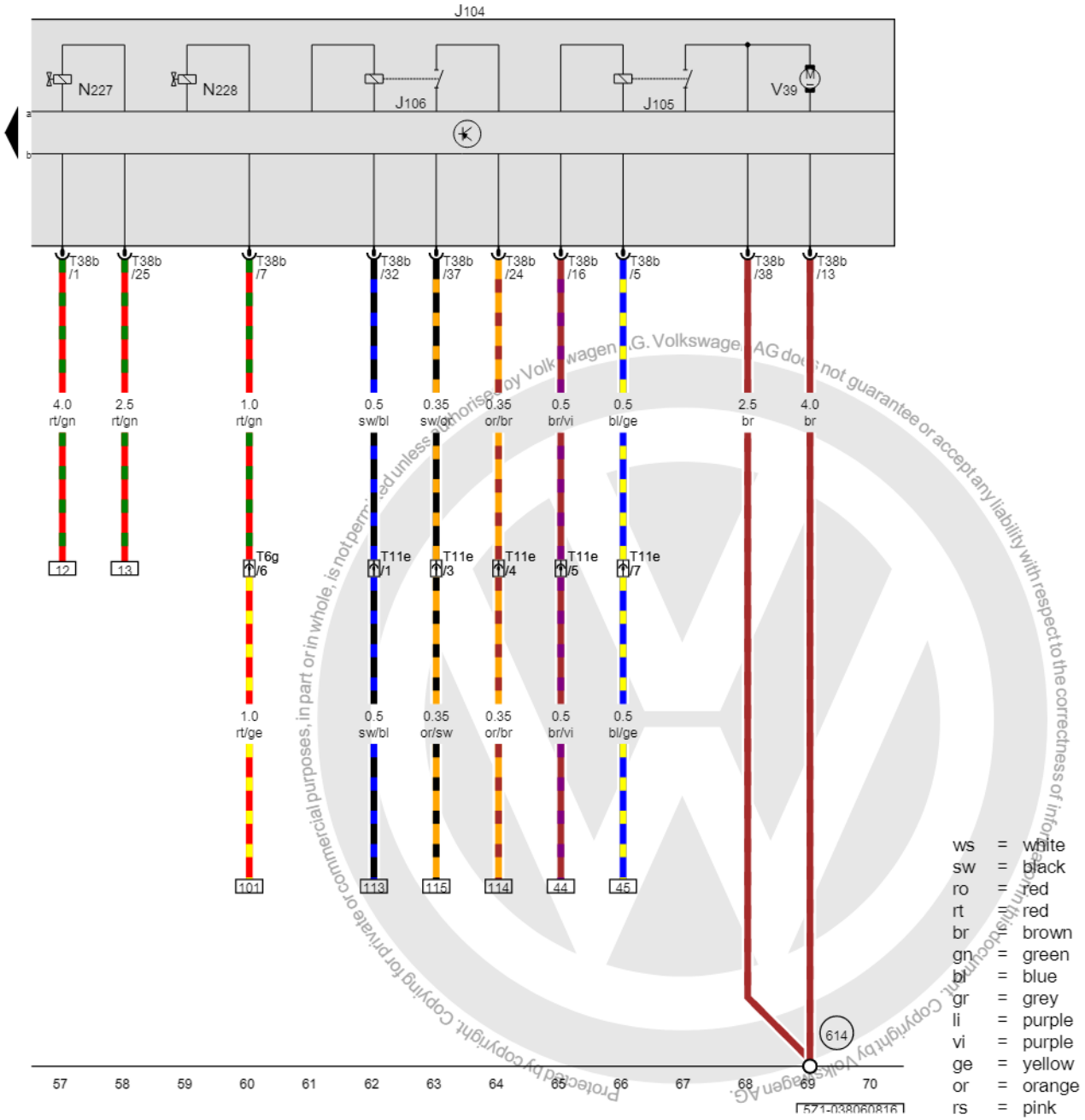


Button for TCS and electronic stabilisation program, Rear right speed sensor, Rear left speed sensor, ABS control unit, Switches and instruments regulator illumination bulb, Rear left ABS inlet valve, Rear right ABS outlet valve, Rear left ABS outlet valve

E256	Button for TCS and electronic stabilisation program
G44	Rear right speed sensor
G46	Rear left speed sensor
J104	ABS control unit
L155	Switches and instruments regulator illumination bulb
N134	Rear left ABS inlet valve
N135	Rear right ABS outlet valve
N136	Rear left ABS outlet valve
N225	Vehicle stabilization program switch valve 1
N226	Vehicle stabilization program switch valve 2
T2n	2-pin connector
T2o	2-pin connector
T6ah	6-pin connector
T9k	9-pin connector, on left in plenum chamber
T38b	38-pin connector
B510	Connection 1 (rear right speed sensor), in interior wiring harness
B511	Connection 2 (rear right speed sensor), in interior wiring harness
B512	Connection 1 (rear left speed sensor), in interior wiring harness
B513	Connection 2 (rear left speed sensor), in interior wiring harness
B517	Positive connection 5 (15a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

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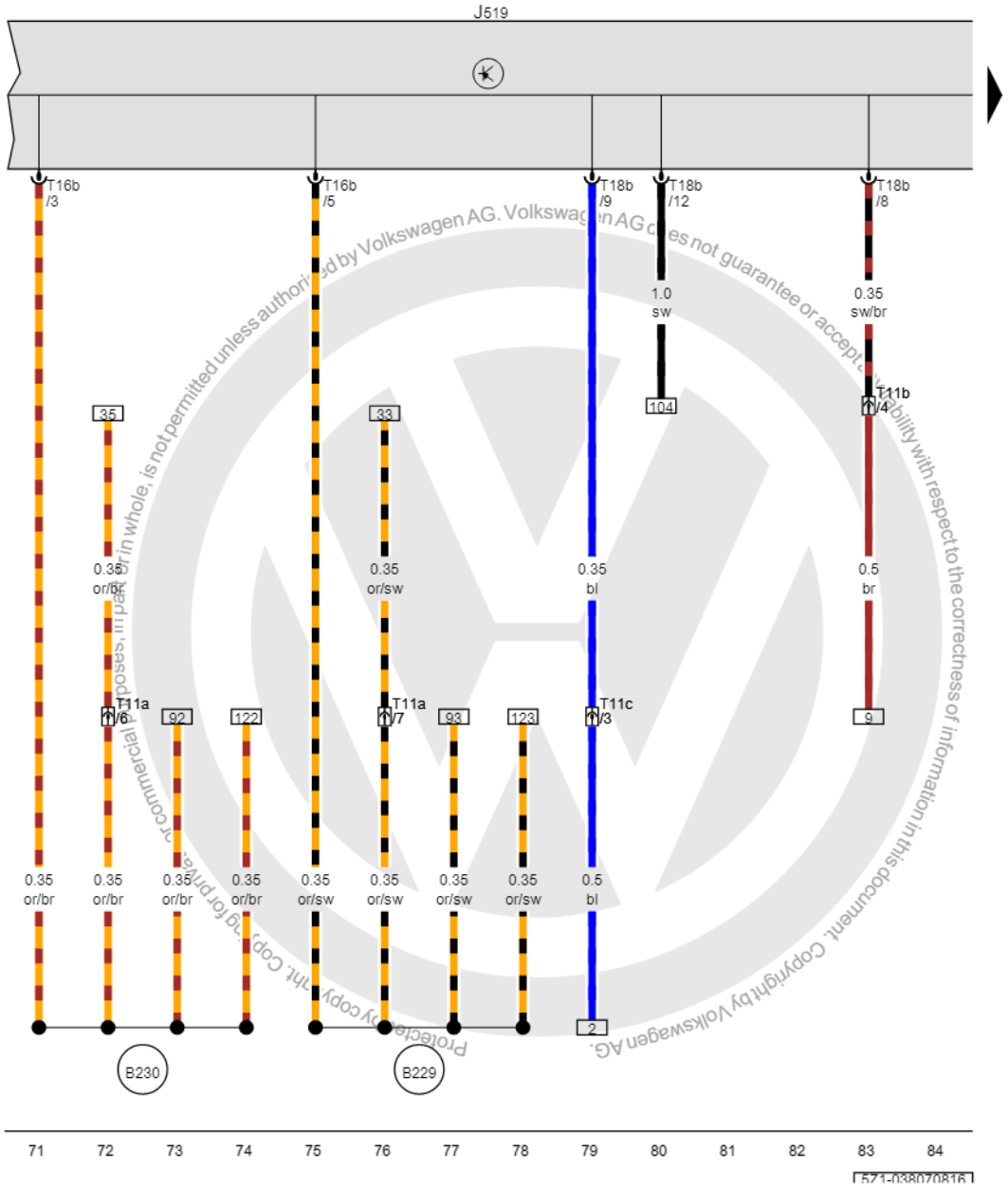


ABS control unit, ABS return flow pump relay, ABS solenoid valve relay, Vehicle stabilization program high-pressure valve 1, Vehicle stabilization program high-pressure valve 2, ABS return flow pump

J104	ABS control unit
J105	ABS return flow pump relay
J106	ABS solenoid valve relay
N227	Vehicle stabilization program high-pressure valve 1
N228	Vehicle stabilization program high-pressure valve 2
T6g	6-pin connector, on left in plenum chamber
T11e	11-pin connector, on left in plenum chamber
T38b	38-pin connector
V39	ABS return flow pump
614	Earth point 2, on right in engine compartment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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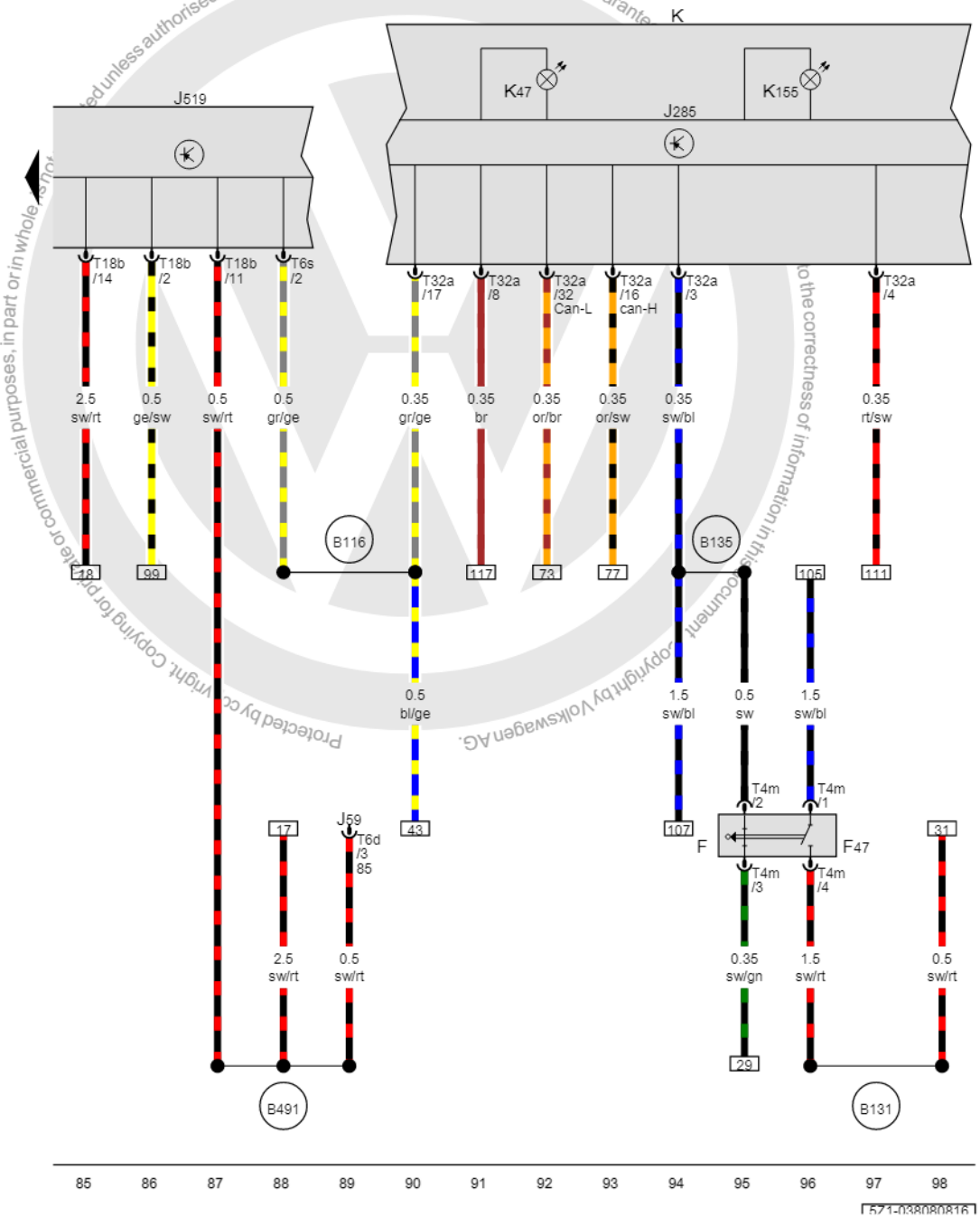
Onboard supply control unit

J519	Onboard supply control unit
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T16b	16-pin connector
T18b	18-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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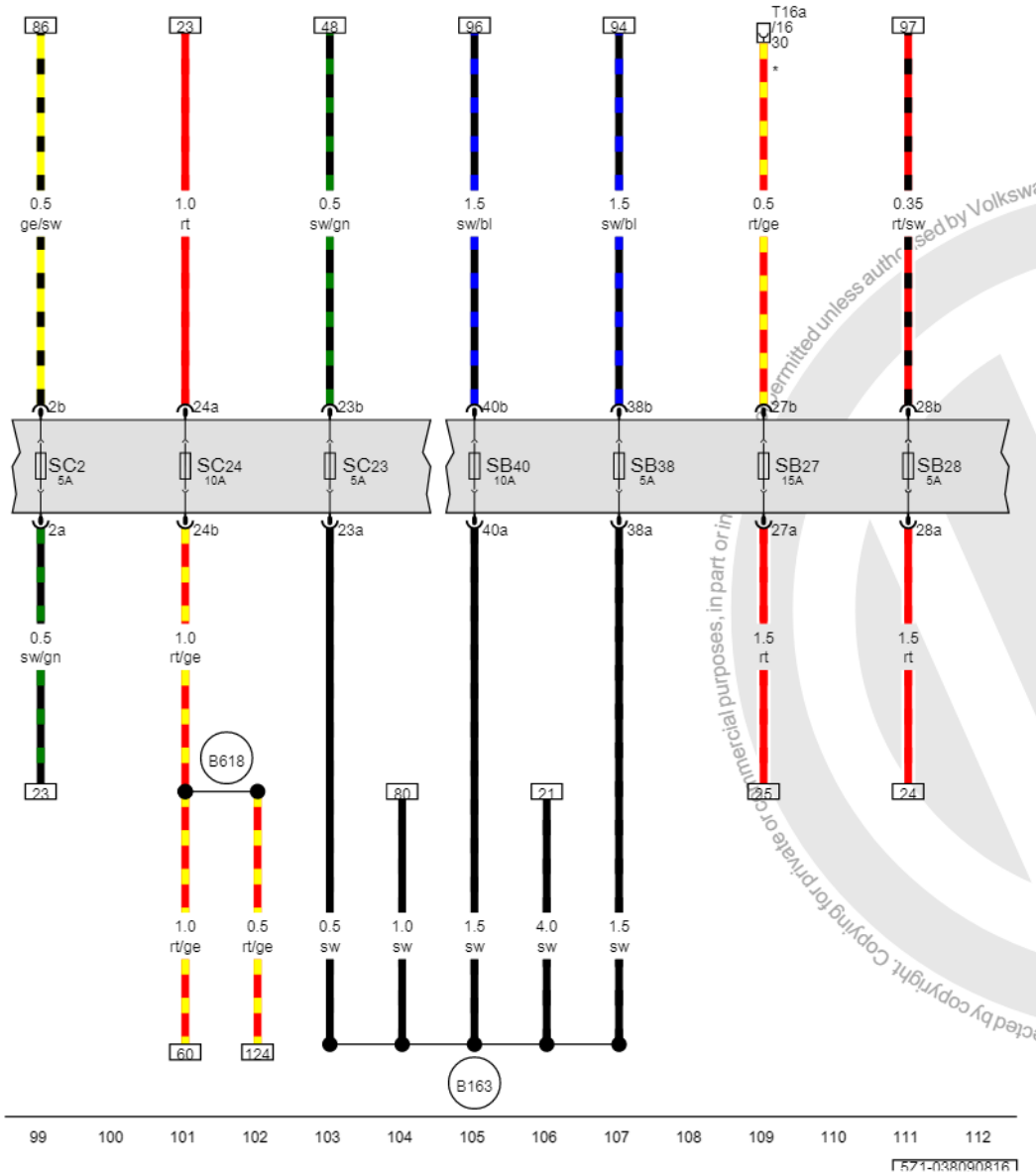
Brake light switch, Brake pedal switch, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert, ABS warning lamp, Warning lamp for electronic stabilisation program and TCS

F	Brake light switch
F47	Brake pedal switch
J59	X-contact relief relay
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K47	ABS warning lamp
K155	Warning lamp for electronic stabilisation program and TCS
T4m	4-pin connector
T6d	6-pin connector
T6s	6-pin connector
T18b	18-pin connector
T32a	32-pin connector
B116	Connection (58d), in interior wiring harness
B131	Connection (54), in interior wiring harness
B135	Connection 1 (15a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
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rt	=	red
br	=	brown
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or	=	orange
rs	=	pink

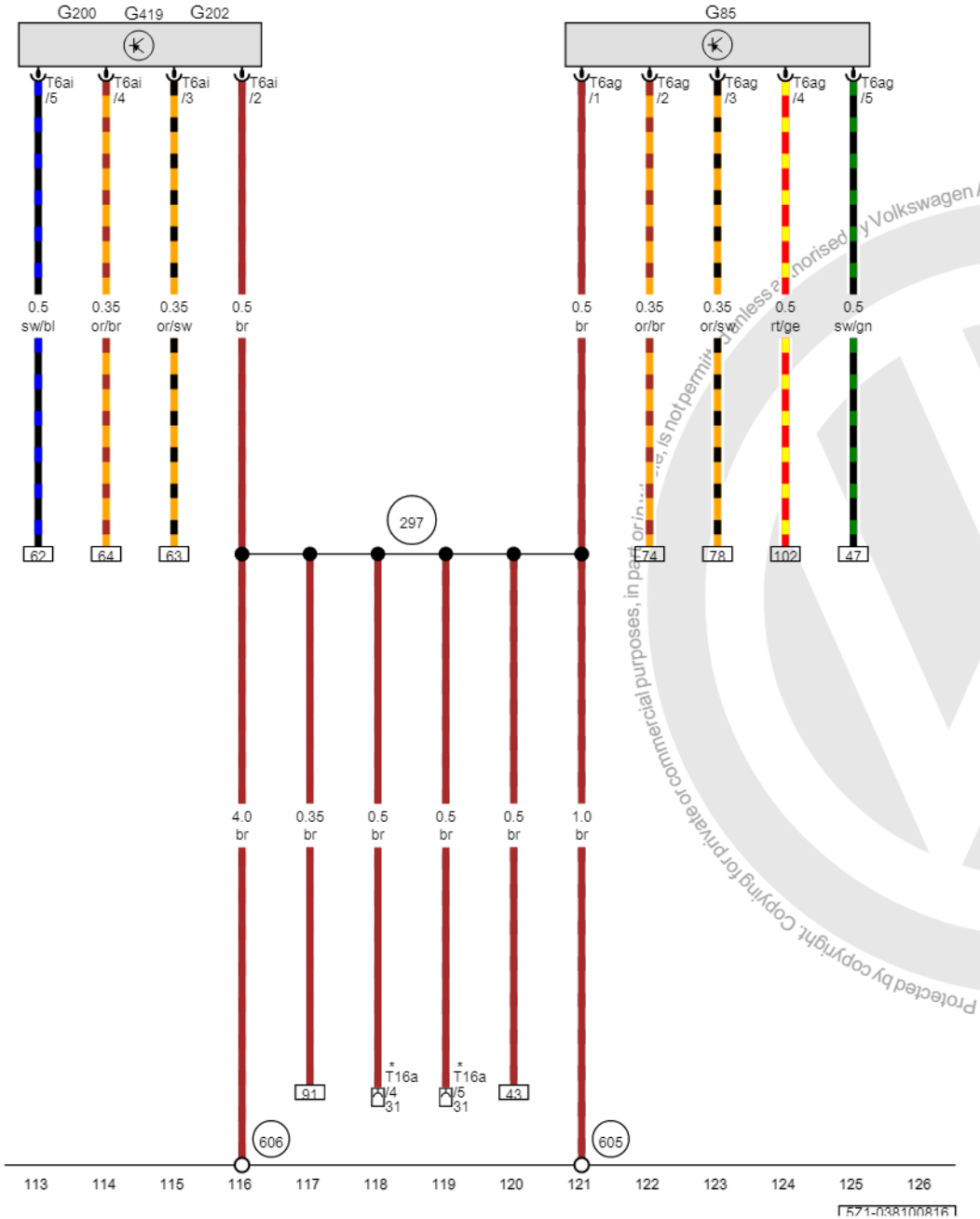
Fuse 2 on fuse holder C, Fuse 23 on fuse holder C, Fuse 24 on fuse holder C, Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B

SC2	Fuse 2 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC24	Fuse 24 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
T16a	16-pin connector
B163	Positive connection 1 (15), in interior wiring harness
B618	Positive connection 13 (30a), in interior wiring harness
*	Diagnostic connection



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

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Steering angle sender, Lateral acceleration sender, Yaw rate sender, Sensor unit for electronic stabilisation program

G85	Steering angle sender
G200	Lateral acceleration sender
G202	Yaw rate sender
G419	Sensor unit for electronic stabilisation program
T6ag	6-pin connector
T6ai	6-pin connector
T16a	16-pin connector
297	Earth connection 12, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near gear stick
*	Diagnostic connection

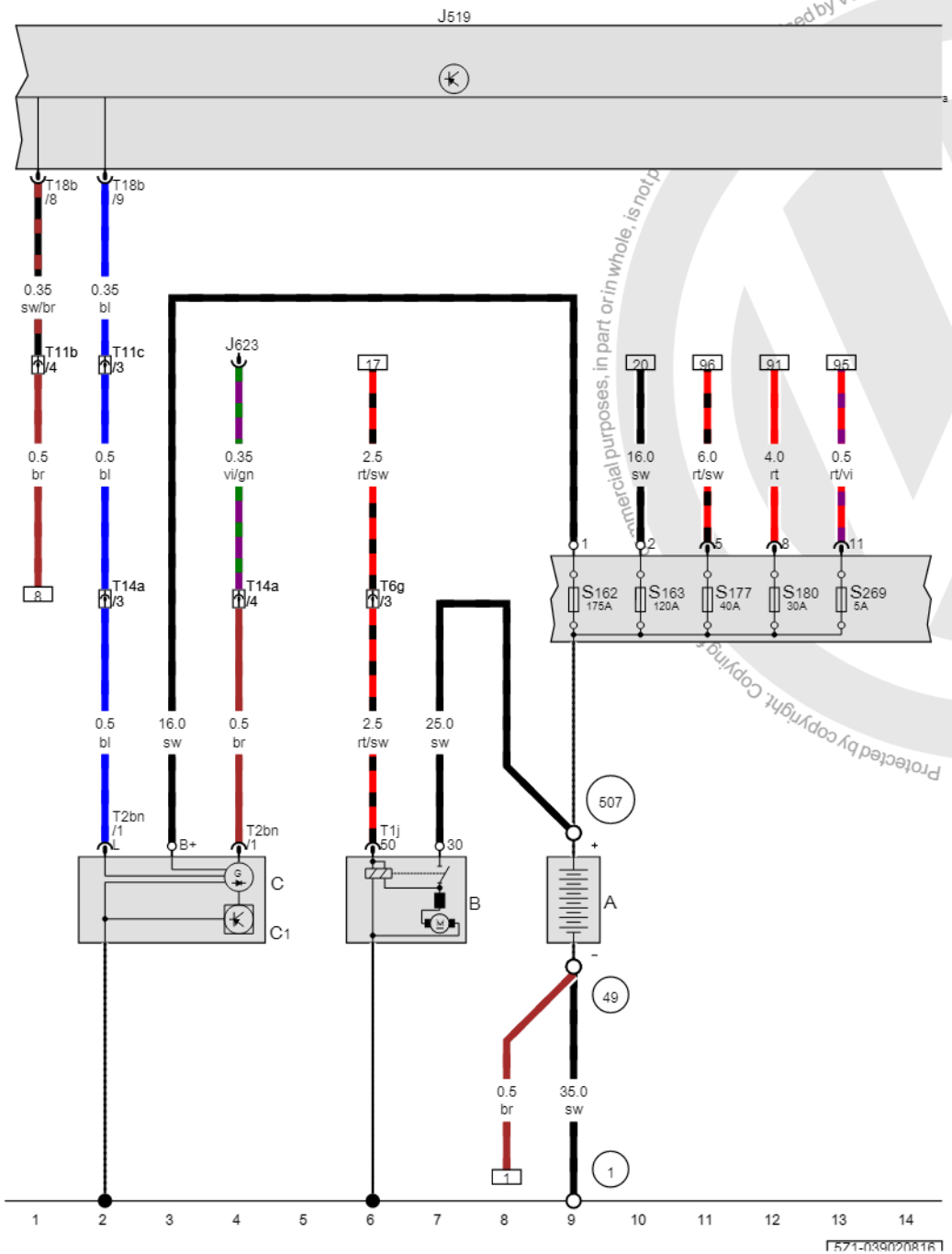
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Climatic , BMD,(F6G)

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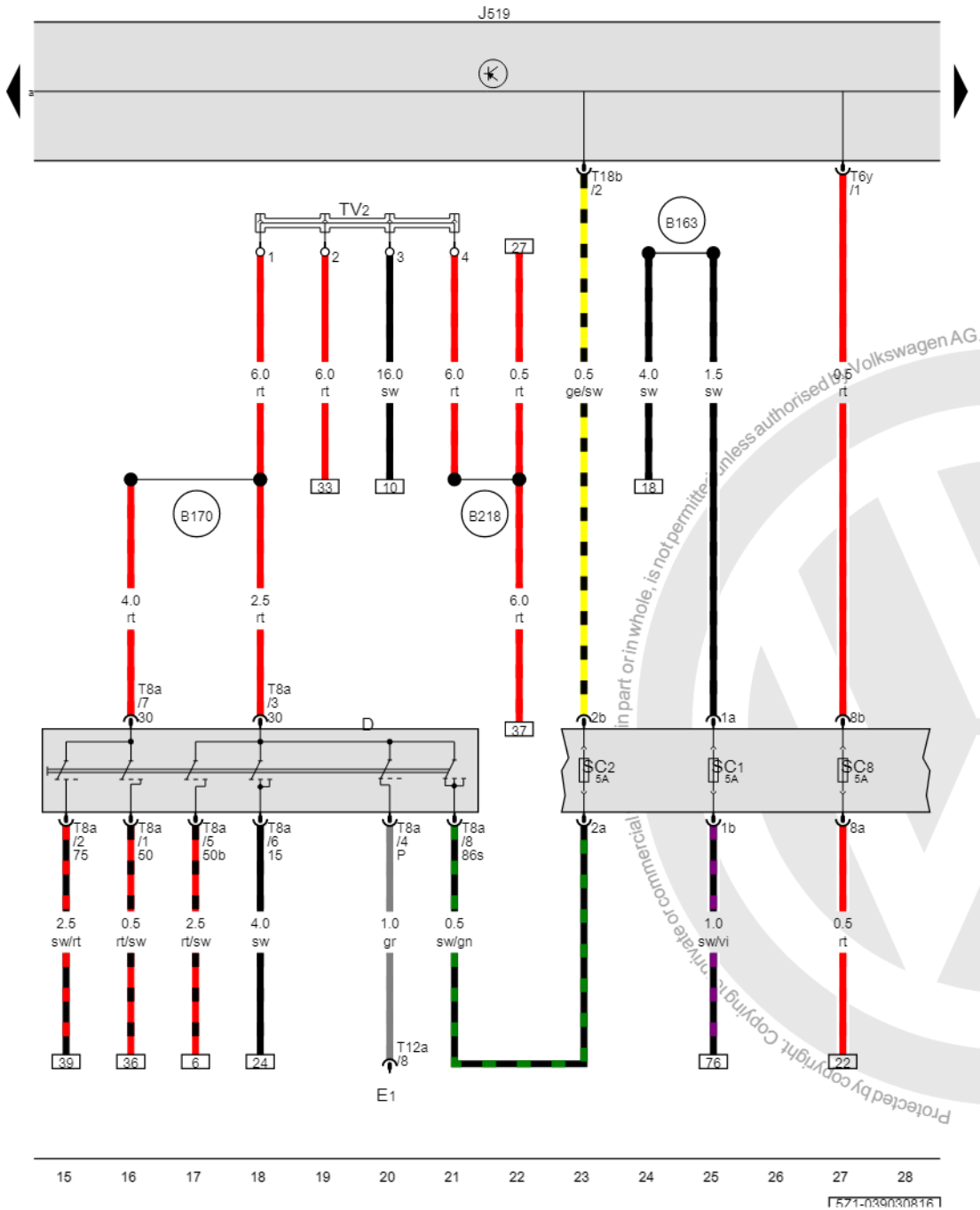


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S177	Fuse 5 (30), in battery fuse holder
S180	Fuse 8 (30), in battery fuse holder
S269	Fuse 11 (30), in battery fuse holder
T1j	Single connector
T2bn	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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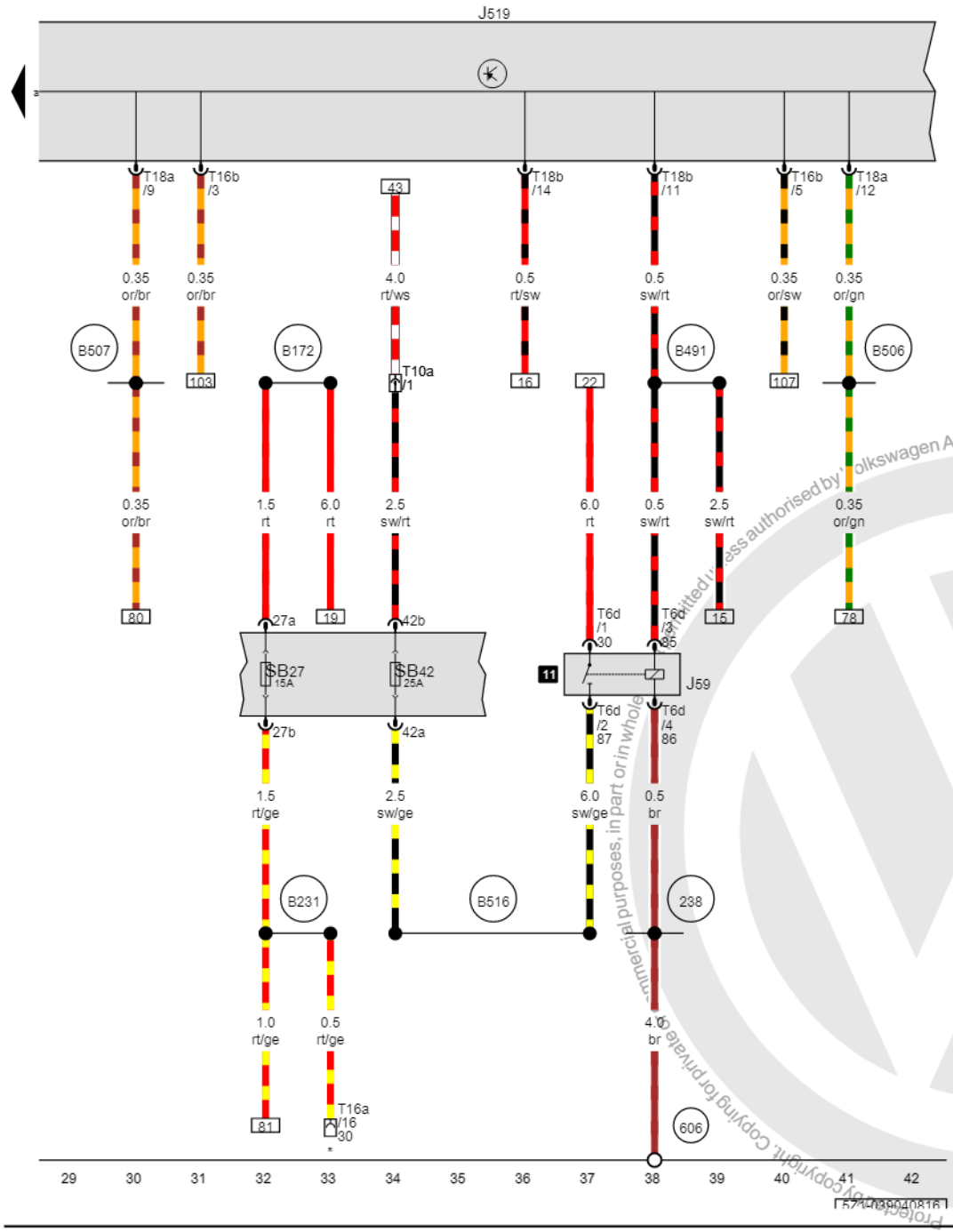


Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J519	Onboard supply control unit
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
SC8	Fuse 8 on fuse holder C
T6y	6-pin connector
T8a	8-pin connector
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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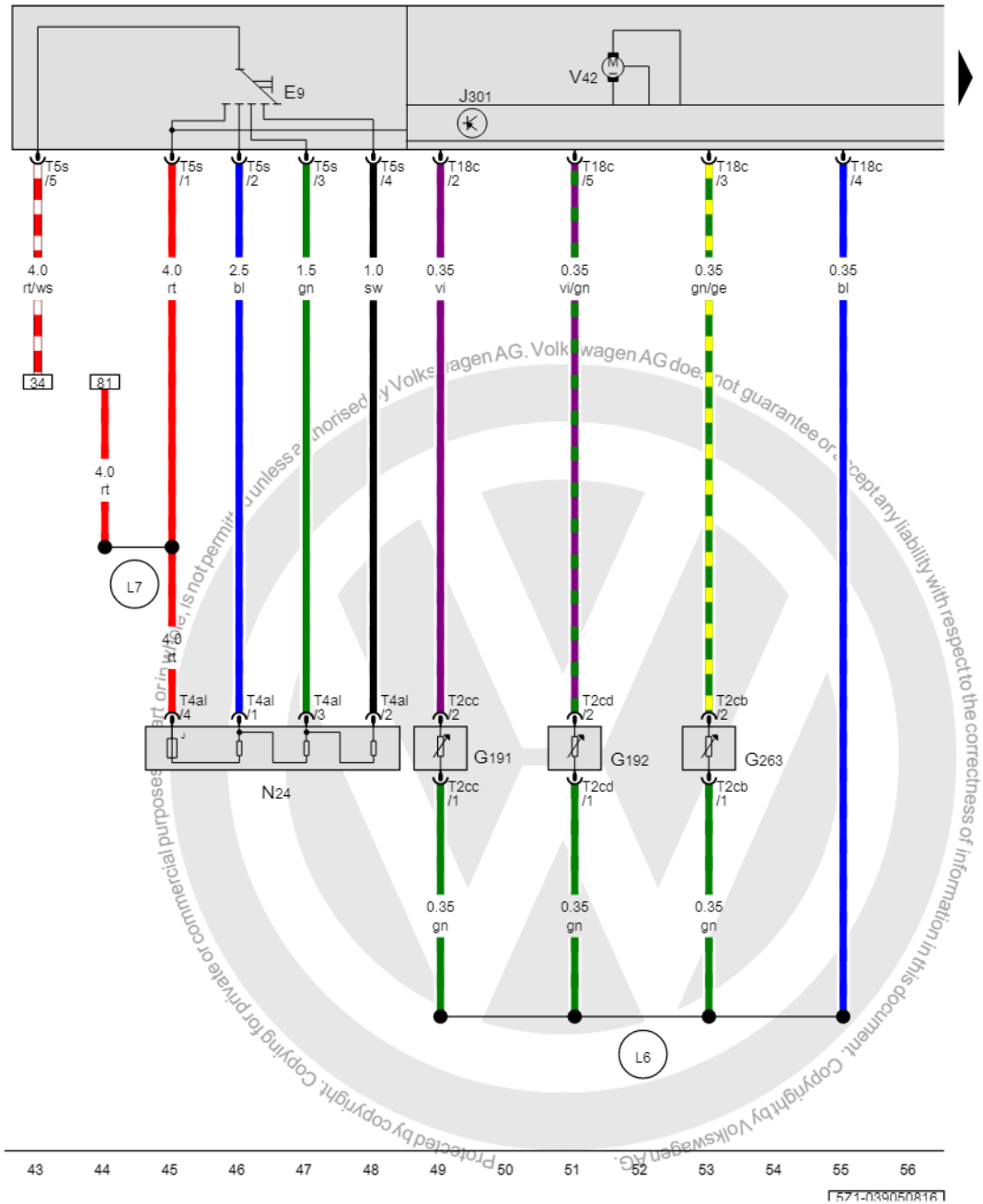


X-contact relief relay, Onboard supply control unit

J59	X-contact relief relay
J519	Onboard supply control unit
SB27	Fuse 27 on fuse holder B
SB42	Fuse 42 on fuse holder B
T6d	6-pin connector
T10a	10-pin connector, behind dash panel, right
T16a	16-pin connector
T16b	16-pin connector
T18a	18-pin connector
T18b	18-pin connector
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near gear stick
B172	Positive connection 4 (30), in interior wiring harness
B231	Positive connection 5 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B506	Connection (convenience CAN bus, high), in interior wiring harness
B507	Connection (convenience CAN bus, low), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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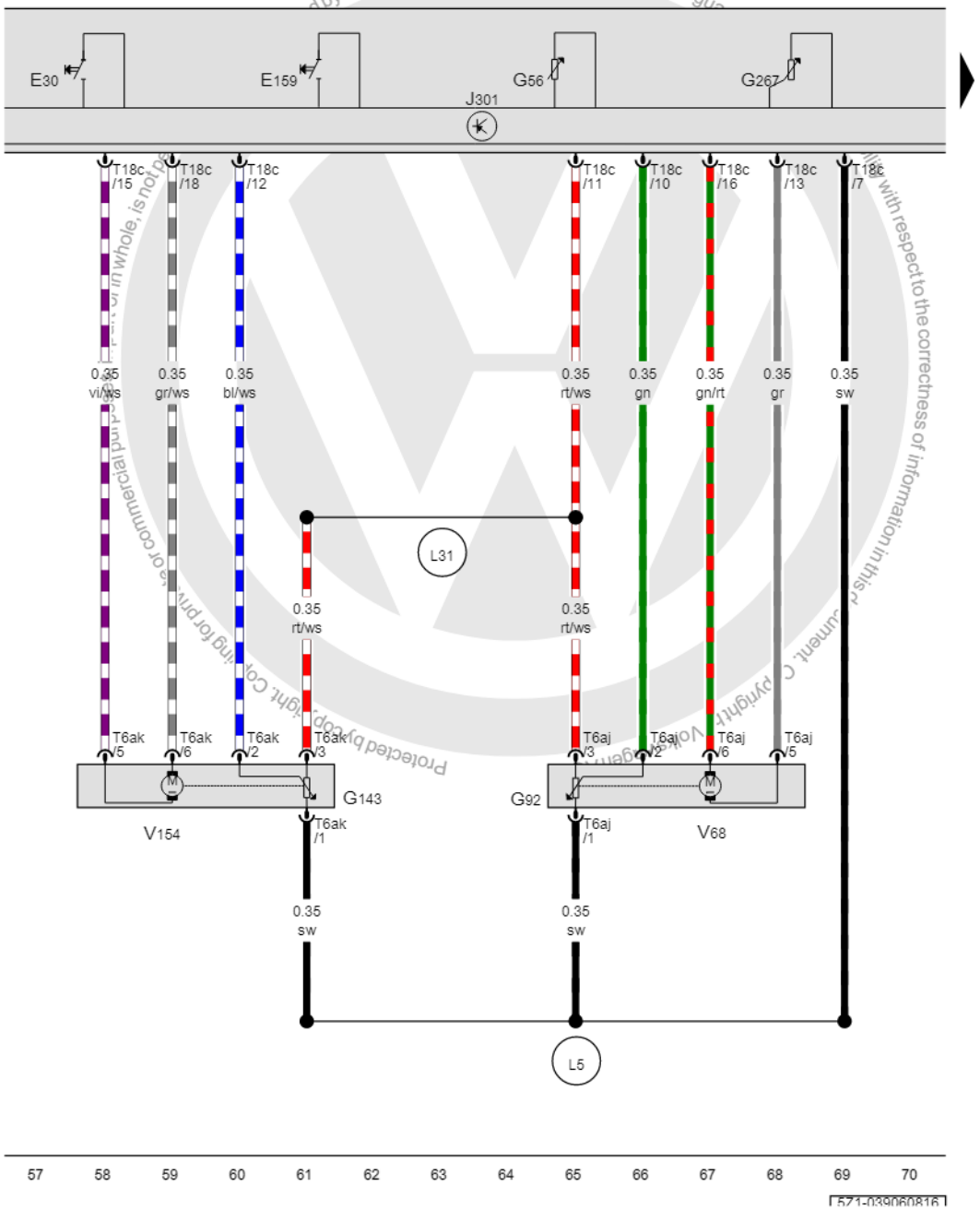


Fresh air blower switch, Centre vent temperature sender, Footwell vent temperature sender, Evaporator output temperature sender, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Temperature sensor blower

E9	Fresh air blower switch
G191	Centre vent temperature sender
G192	Footwell vent temperature sender
G263	Evaporator output temperature sender
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
T2cb	2-pin connector
T2cc	2-pin connector
T2cd	2-pin connector
T4al	4-pin connector
T5s	5-pin connector
T18c	18-pin connector
V42	Temperature sensor blower
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

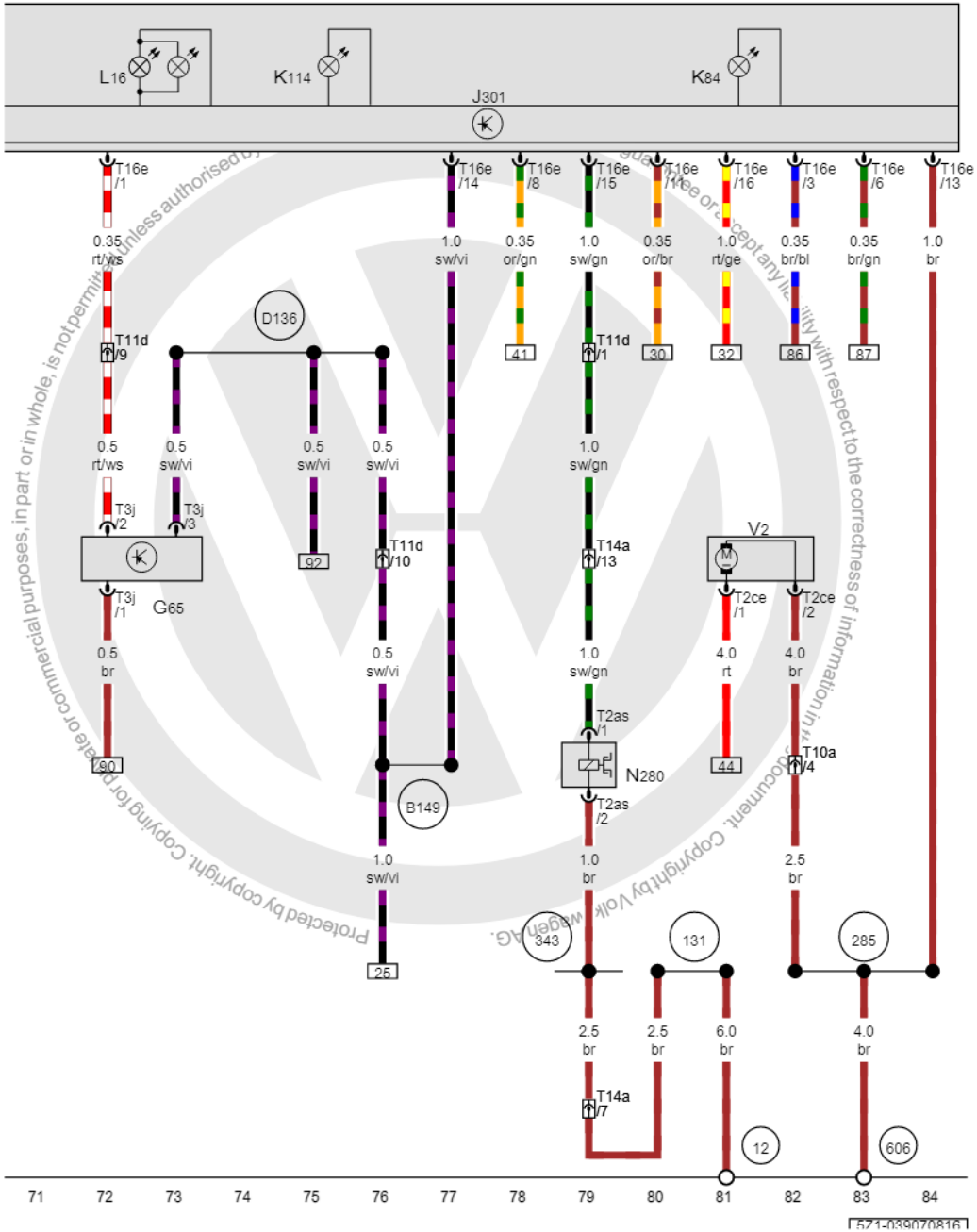
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Fresh air and air recirculation flap switch, Potentiometer for temperature flap control motor, Potentiometer for air recirculation flap control motor, Air conditioning system control unit, Temperature flap control motor, Fresh air and air recirculation flap control motor

E30	Air conditioning system switch
E159	Fresh air and air recirculation flap switch
G56	Dash panel temperature sensor
G92	Potentiometer for temperature flap control motor
G143	Potentiometer for air recirculation flap control motor
G267	Potentiometer for temperature selection rotary knob
J301	Air conditioning system control unit
T6aj	6-pin connector
T6ak	6-pin connector
T18c	18-pin connector
V68	Temperature flap control motor
V154	Fresh air and air recirculation flap control motor
L5	Connection 1, in evaporator housing unit wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

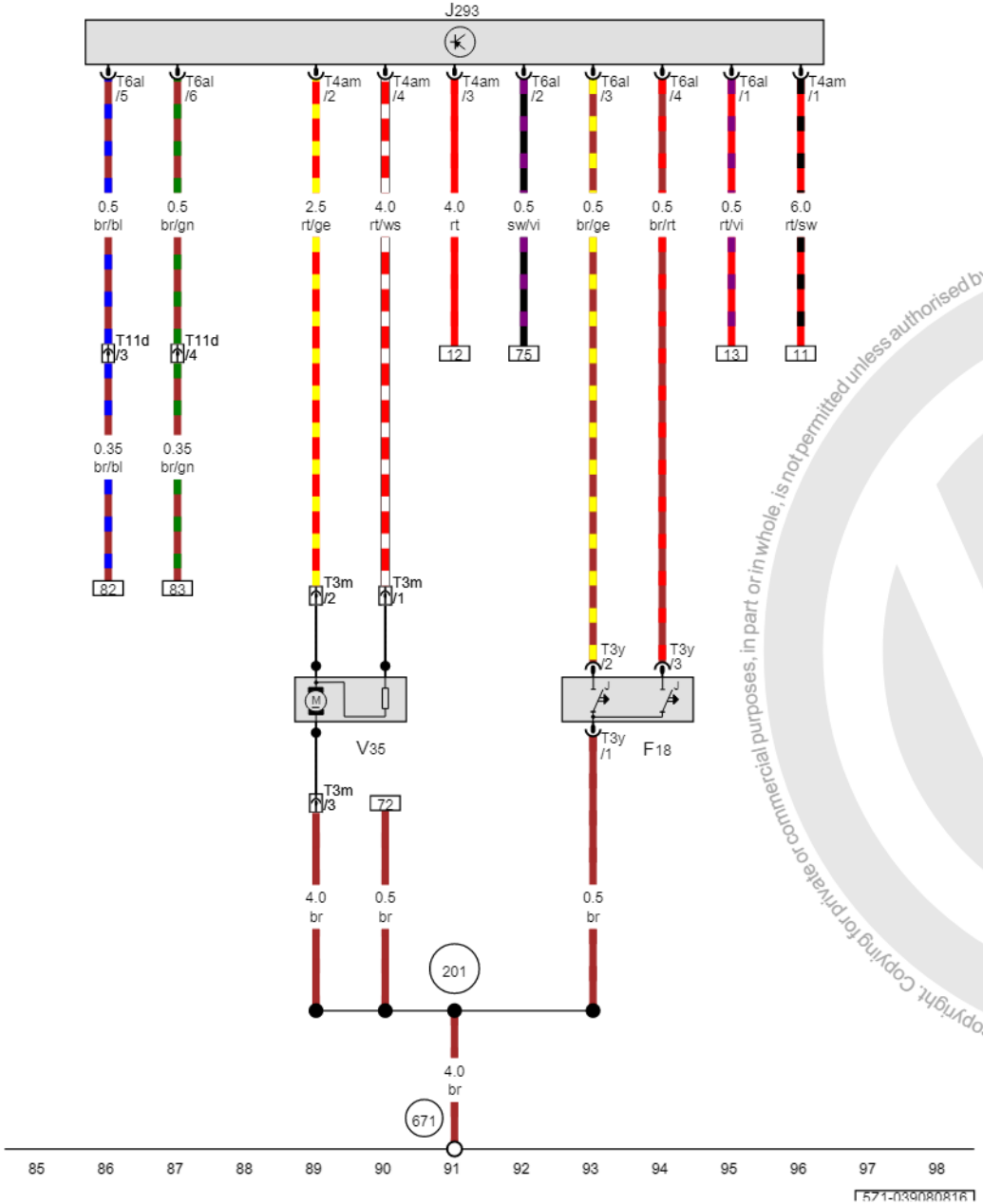
High-pressure sender, Air conditioning system control unit, Air conditioning system warning lamp, Fresh air and air recirculation warning lamp, Fresh air regulator illumination bulb, Air conditioner compressor regulating valve, Fresh air blower

G65	High-pressure sender
J301	Air conditioning system control unit
K84	Air conditioning system warning lamp
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
N280	Air conditioner compressor regulating valve
T2as	2-pin connector
T2ce	2-pin connector
T3j	3-pin connector
T10a	10-pin connector, behind dash panel, right
T11d	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T16e	16-pin connector
V2	Fresh air blower
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
285	Earth connection 7, in interior wiring harness
343	Earth connection (ignition coil), in injection system wiring harness
606	Earth point, under the centre console near gear stick
B149	Positive connection 2 (15a), in interior wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness

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Radiator fan thermal switch, Radiator fan control unit, Right radiator fan

F18	Radiator fan thermal switch
J293	Radiator fan control unit
T3m	3-pin connector
T3y	3-pin connector
T4am	4-pin connector
T6al	6-pin connector
T11d	11-pin connector, on left in plenum chamber
V35	Right radiator fan
201	Earth connection 5, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member

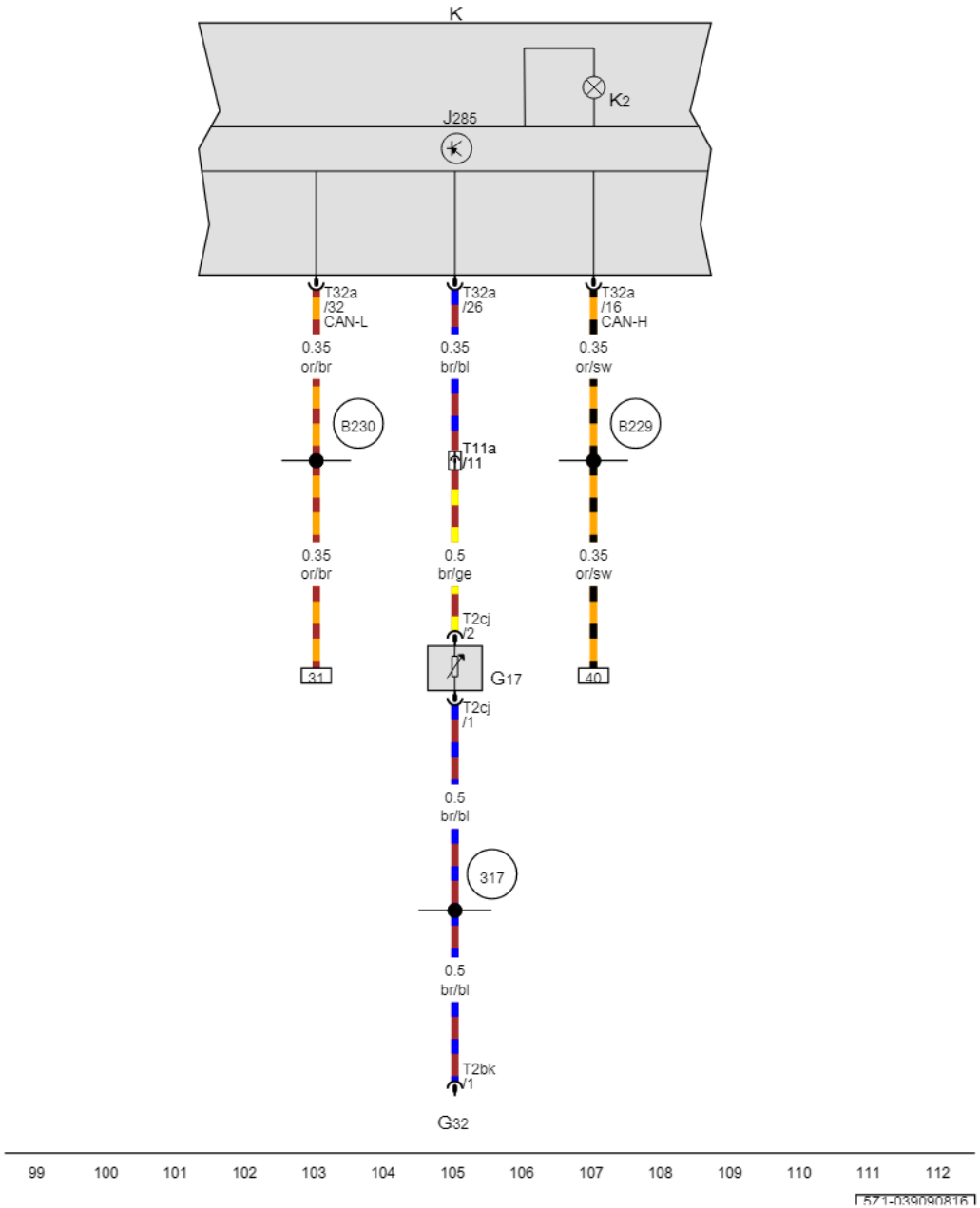


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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Ambient temperature sensor, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
T2bk	2-pin connector
T2cj	2-pin connector
T11a	11-pin connector, on left in plenum chamber
T32a	32-pin connector
317	Earth connection 7, in engine compartment wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness



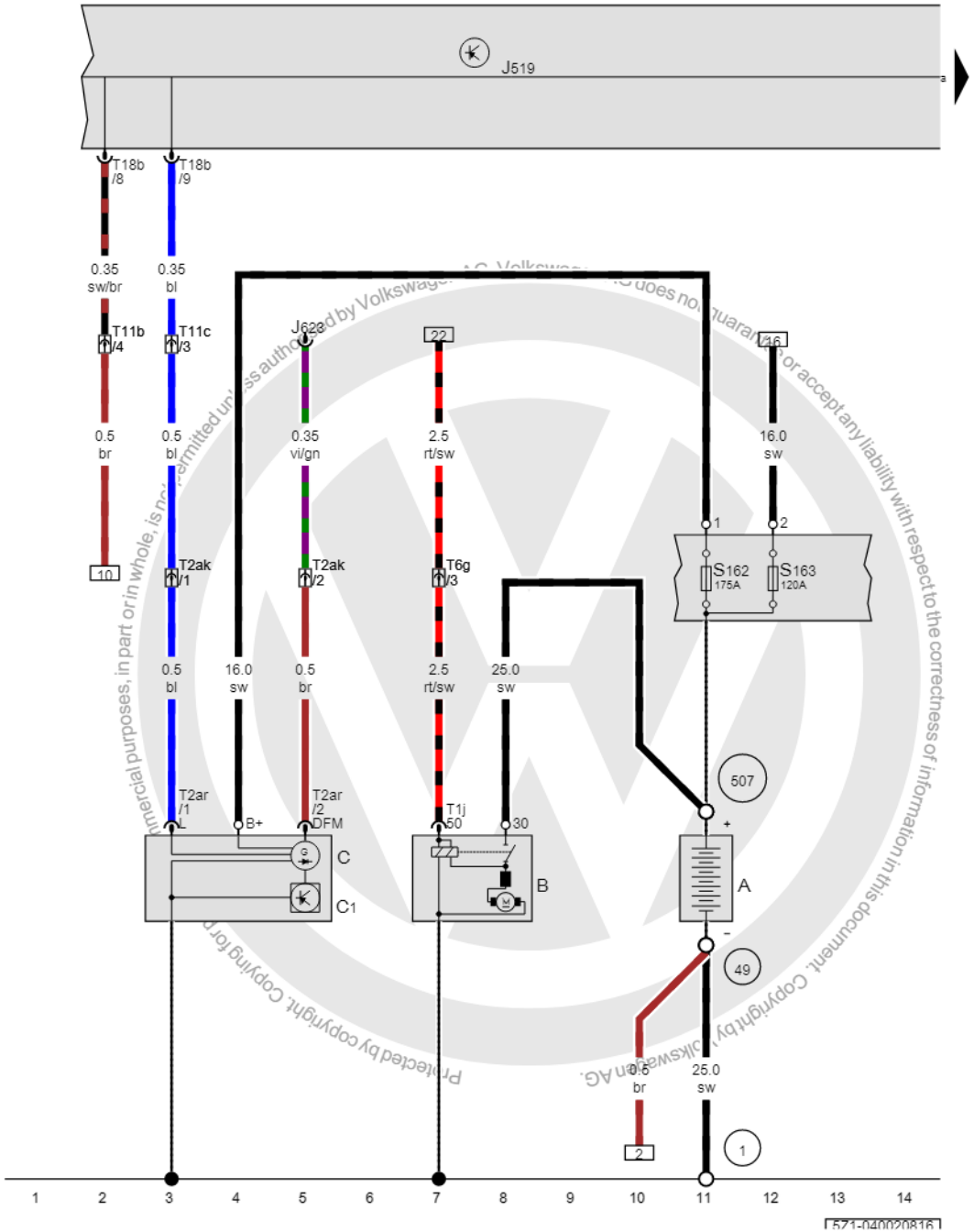
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gn	=	green
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ge	=	yellow
or	=	orange
rs	=	pink

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Radio , (F6G)

From November 2004

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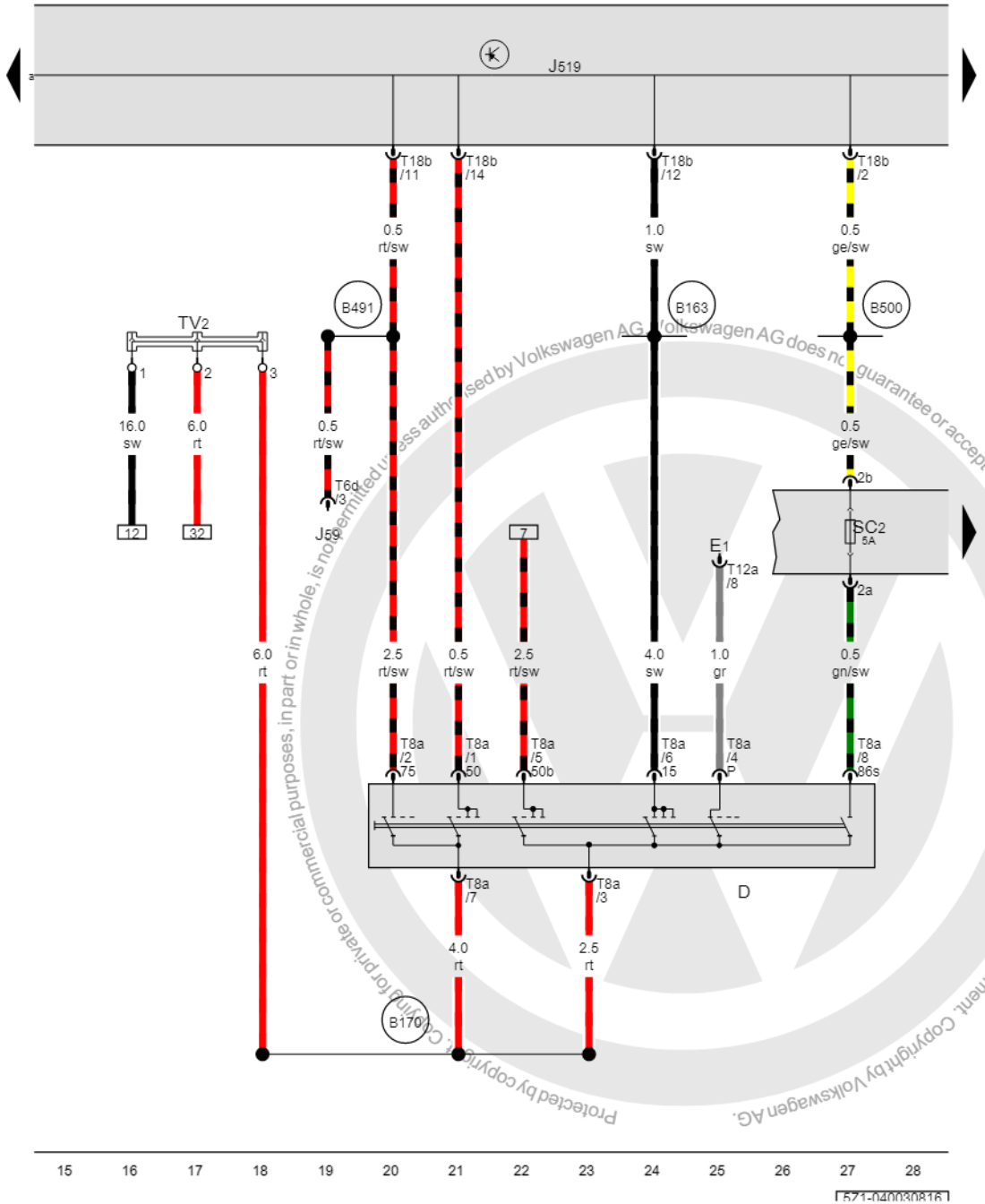


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Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, on left in engine compartment
T2ar	2-pin connector
T2bn	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

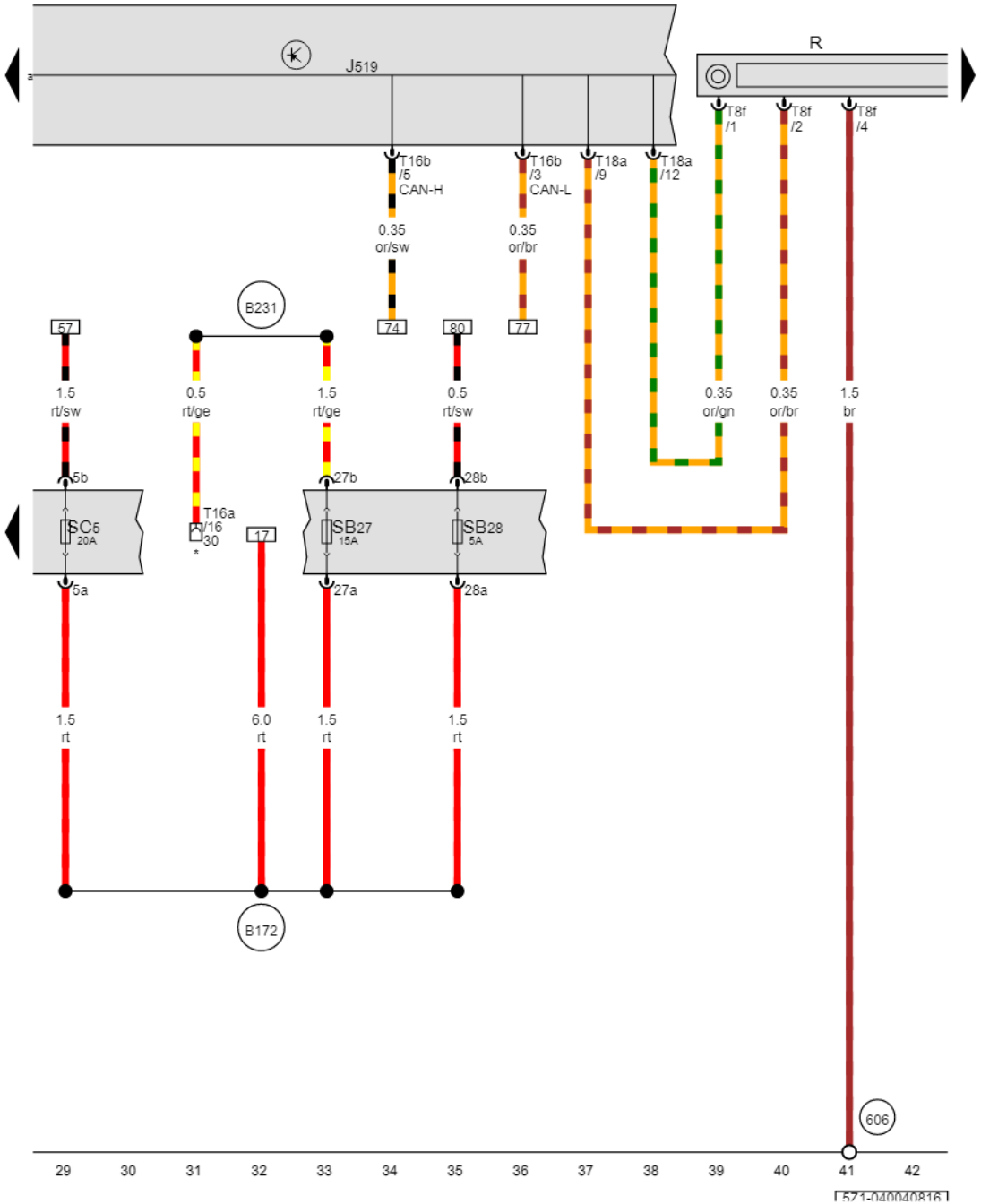


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Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector
T8a	8-pin connector
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

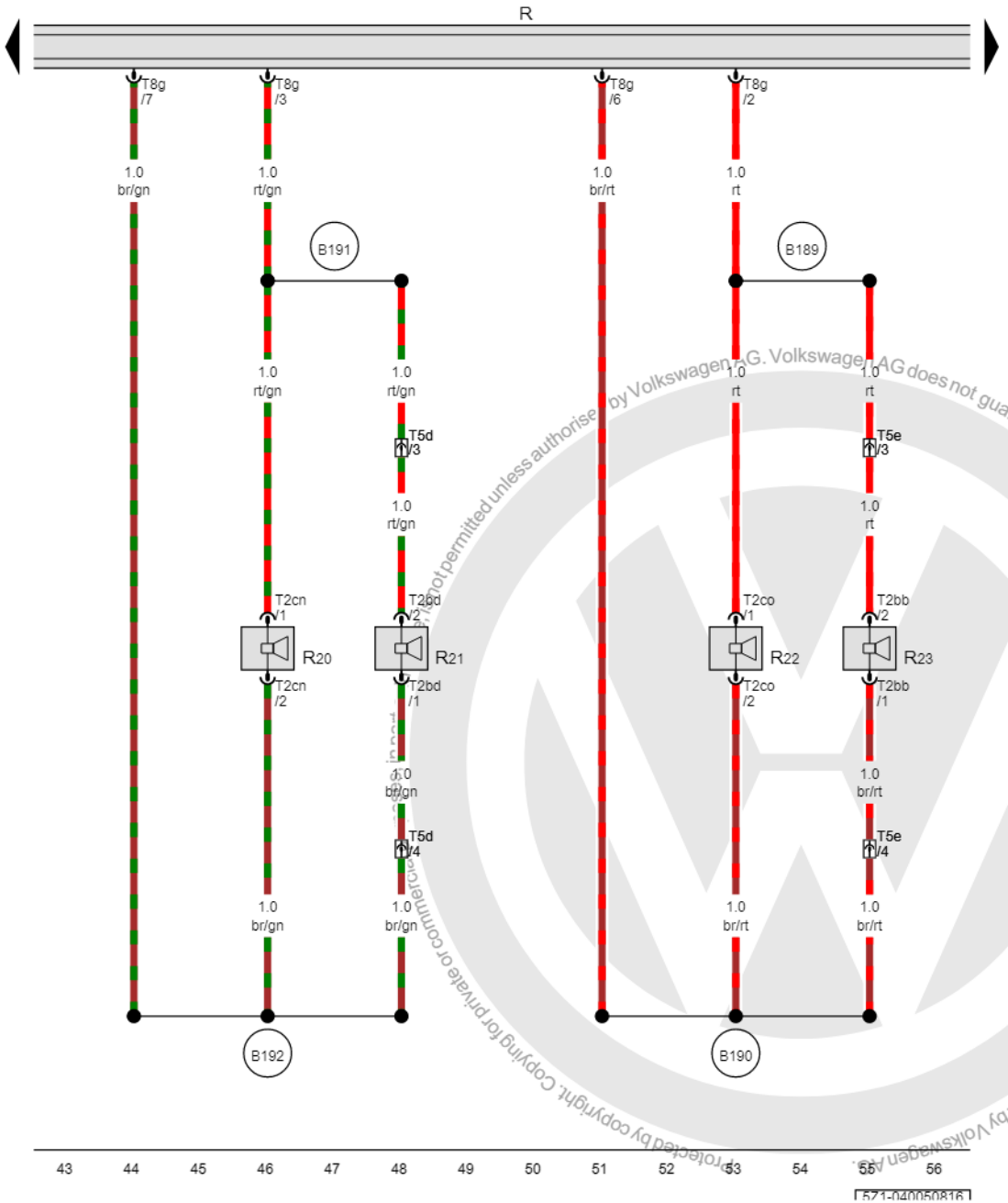


Onboard supply control unit, Radio

J519	Onboard supply control unit
R	Radio
SC5	Fuse 5 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
T8f	8-pin connector
T16a	16-pin connector
T16b	16-pin connector
T18a	18-pin connector
606	Earth point, under the centre console near gear stick
B172	Positive connection 4 (30), in interior wiring harness
B231	Positive connection 5 (30a), in interior wiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

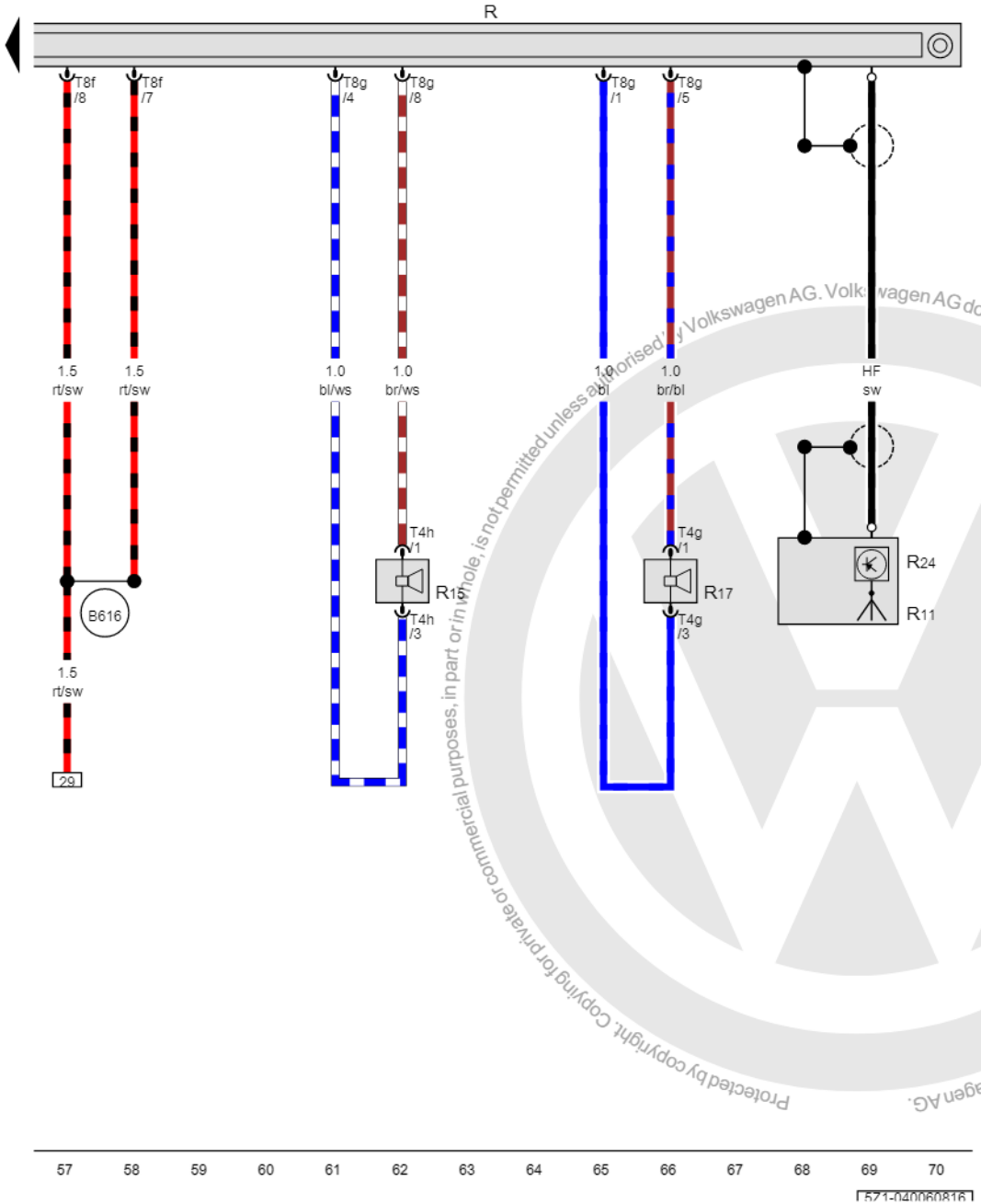
Radio, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2bb	2-pin connector
T2bd	2-pin connector
T2cn	2-pin connector
T2co	2-pin connector
T5d	5-pin connector, in driver door
T5e	5-pin connector, in front passenger door
T8g	8-pin connector
B189	Connection (positive, front right loudspeaker), in interior wiring harness
B190	Connection (negative, front right loudspeaker), in interior wiring harness
B191	Connection (positive, front left loudspeaker), in interior wiring harness
B192	Connection (negative, front left loudspeaker), in interior wiring harness

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Radio, Aerial, Rear left bass loudspeaker, Rear right bass loudspeaker, Aerial amplifier

R	Radio
R11	Aerial
R15	Rear left bass loudspeaker
R17	Rear right bass loudspeaker
R24	Aerial amplifier
T4g	4-pin connector
T4h	4-pin connector
T8f	8-pin connector
T8g	8-pin connector
B616	Positive connection 12 (30a), in interior wiring harness

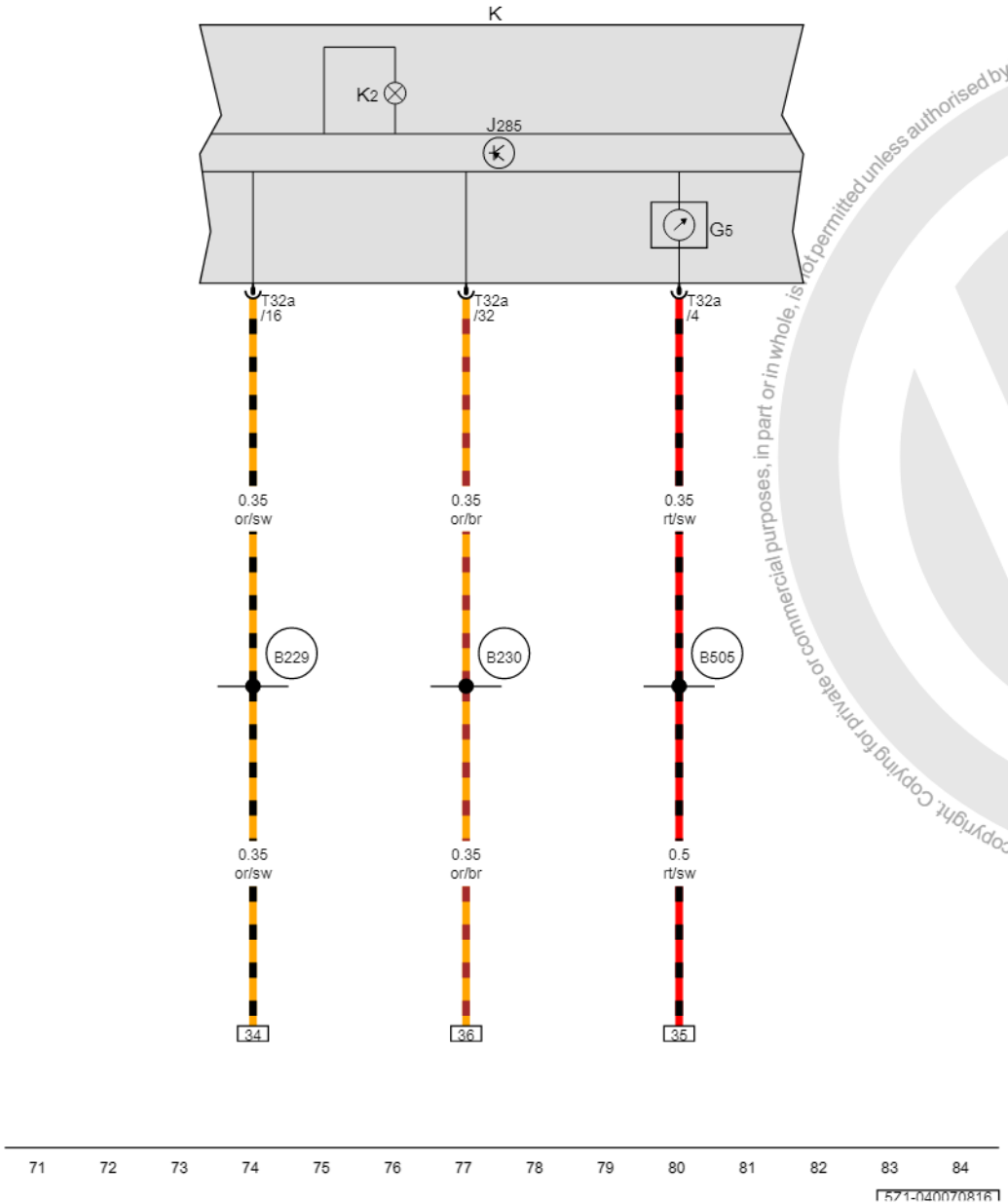


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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rev. counter, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

G5	Rev. counter
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
T32a	32-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B505	Positive connection 9 (30a), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Climatic (Europe)

⇒ 1.4 l - TDI/55 kW, engine code BNM
from November 2004

Notes:

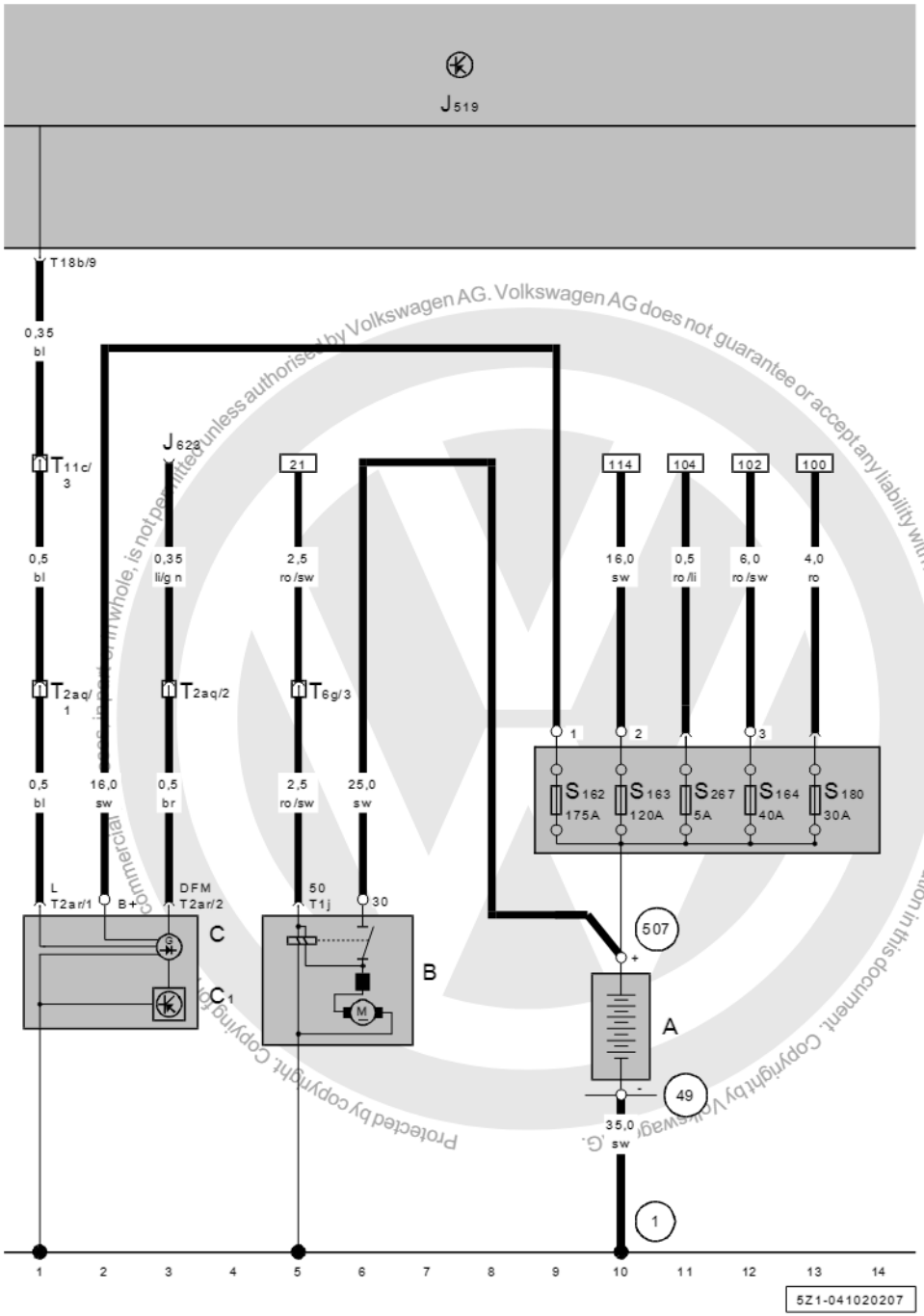
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See fitting locations

For information concerning
- Fault Finding Programs

⇒ guided fault finding

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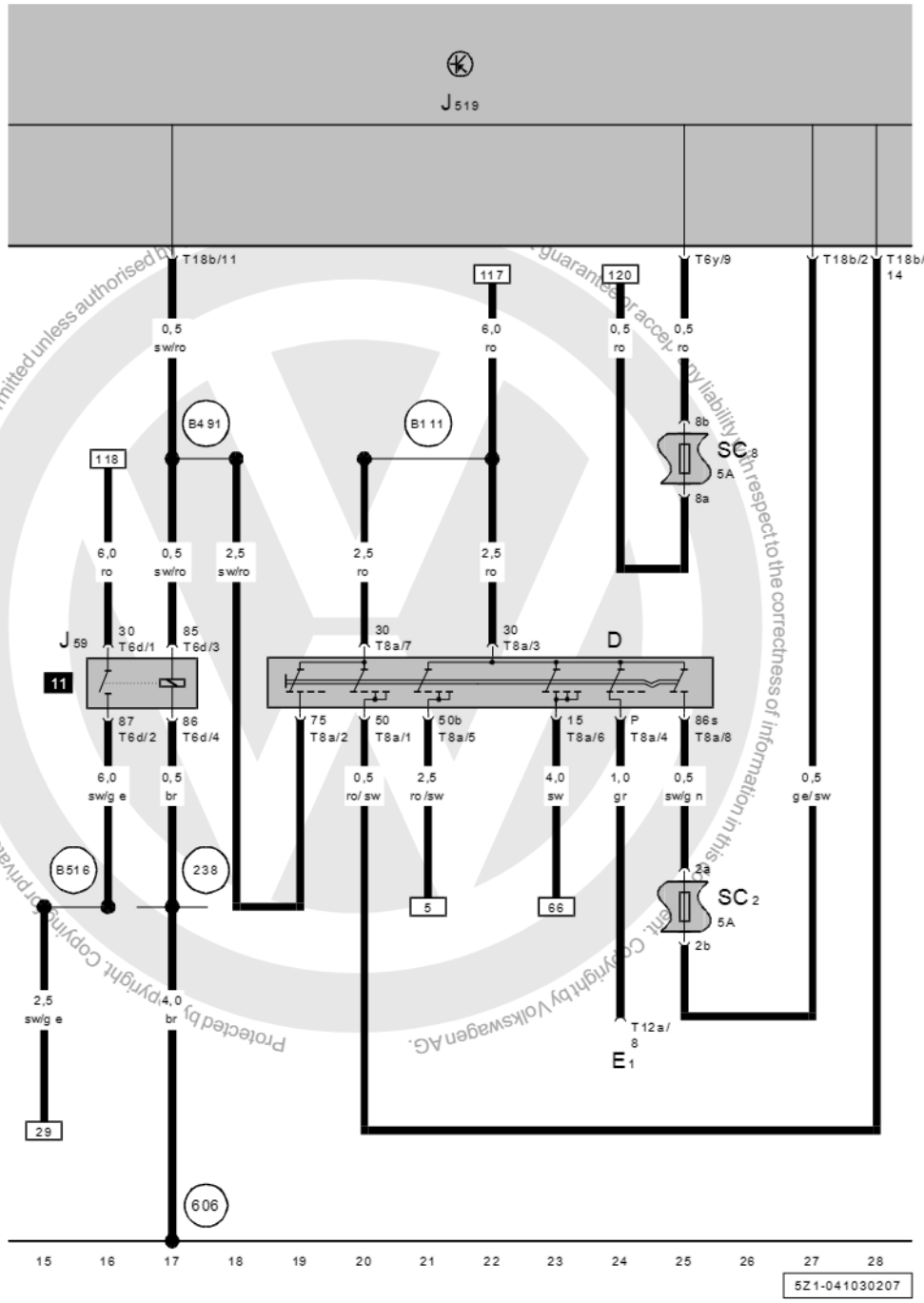


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Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S164	Fuse 3 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
S267	Fuse 9 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2aq	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

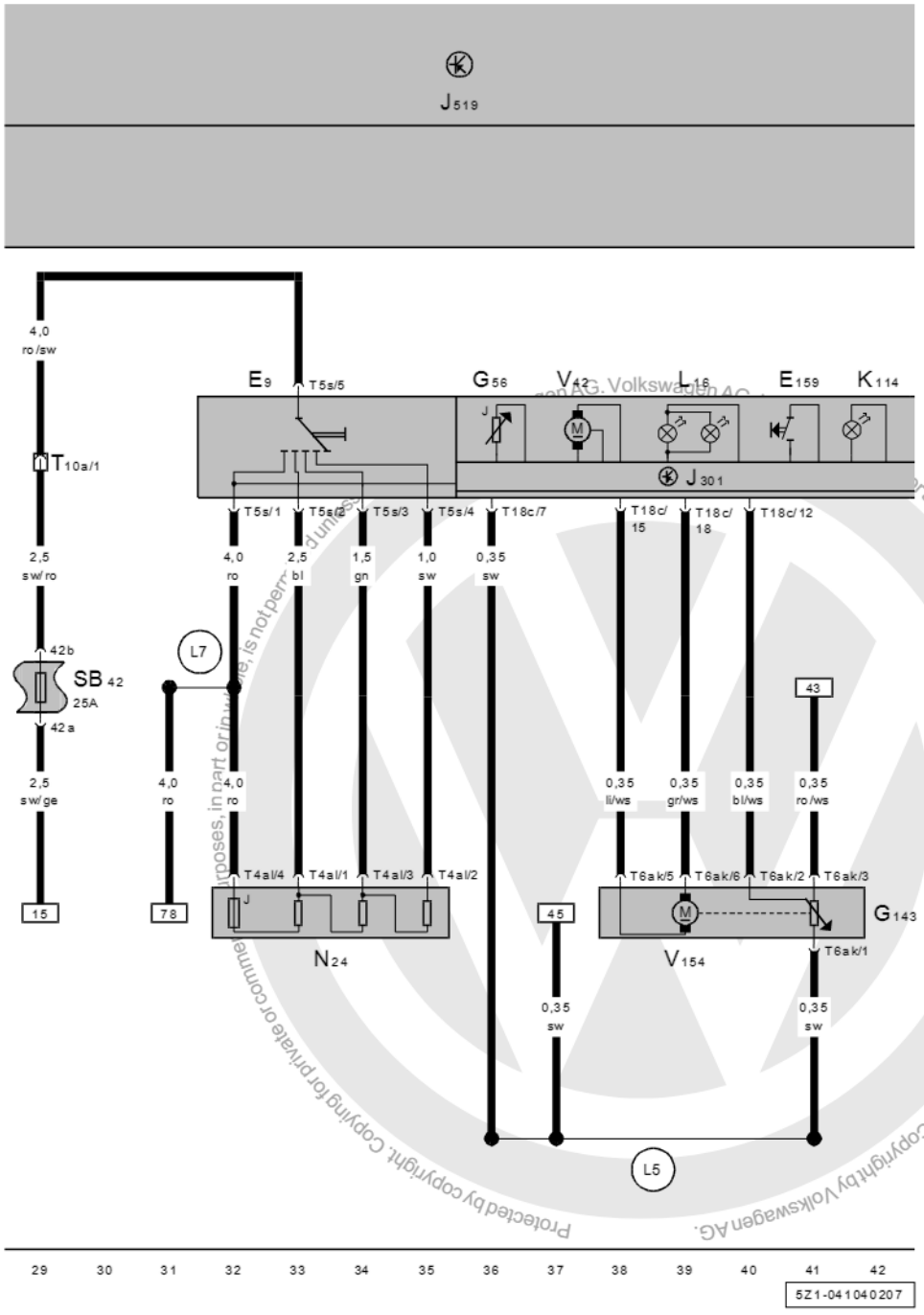


Ignition/starter switch, X-contact relief relay, onboard supply control unit

D	Ignition/starter switch
E1	Light switch
J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC8	Fuse 8 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T6y	6-pin connector, on onboard supply control unit
T8a	8-connector, on ignition/starter switch
T12a	12-pin connector, on light switch
T18b	18-pin connector, on onboard supply control unit
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B111	Positive connection 1 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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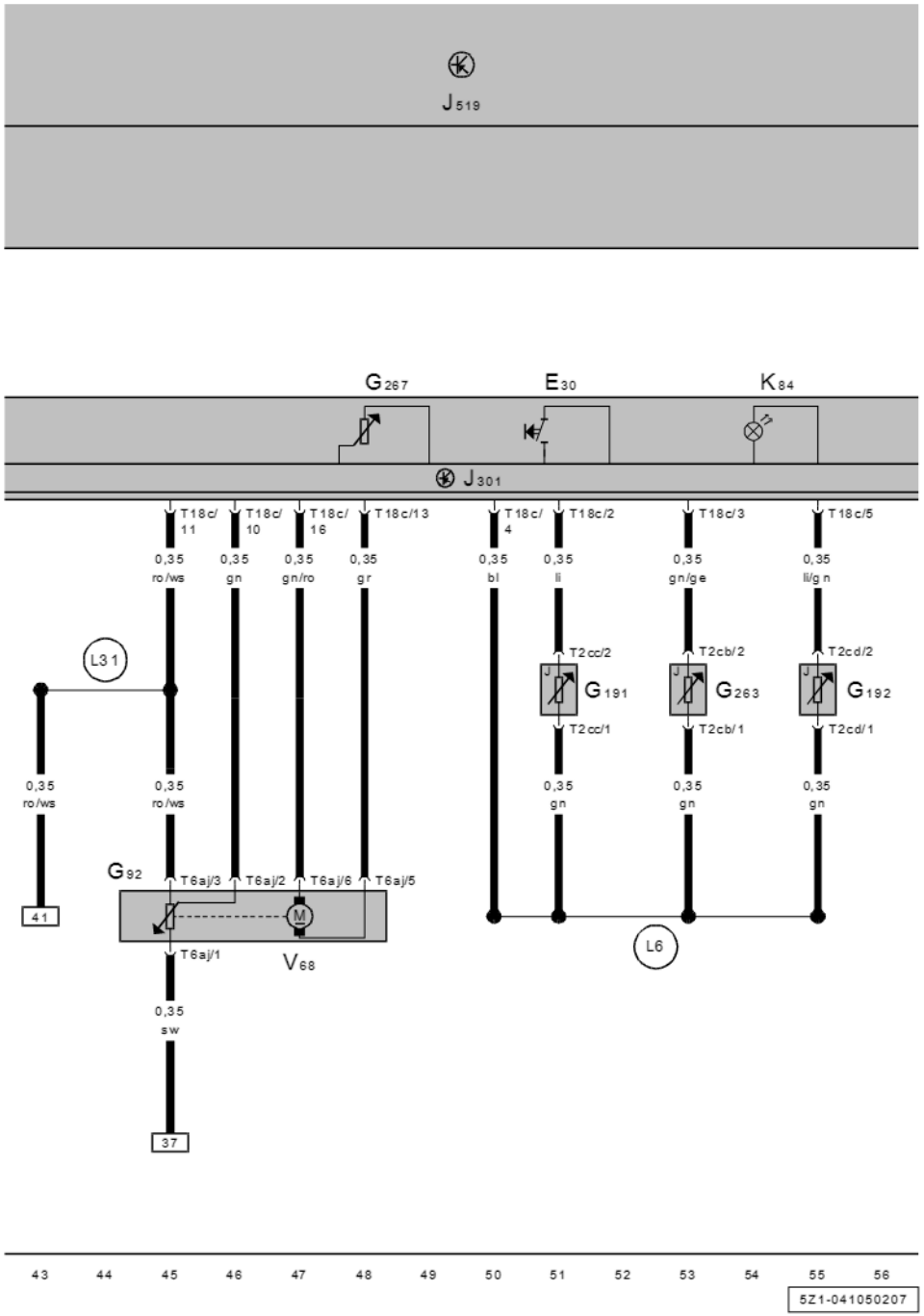


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Fresh air blower switch, air conditioning system control unit, fresh air blower series resistor with overheating fuse, fresh air and air recirculation flap control motor

E9	Fresh air blower switch
E159	Fresh air/air recirculation flap switch
G56	Dash panel temperature sensor
G143	Air recirculation flap control motor potentiometer
J301	Air conditioning system control unit
J519	Onboard supply control unit
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
SB42	Fuse 42 on fuse holder B
T4al	4-pin connector, on fresh air blower series resistor with overheating fuse
T5s	5-pin connector, on fresh air blower switch
T6ak	6-pin connector, on potentiometer for air recirculation flap control motor
T10a	10-pin connector, behind right dash panel
T18c	18-pin connector, on air conditioning system control unit
V42	Temperature sensor blower
V154	Fresh air/recirculated air flap control motor
L5	Connection 1, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

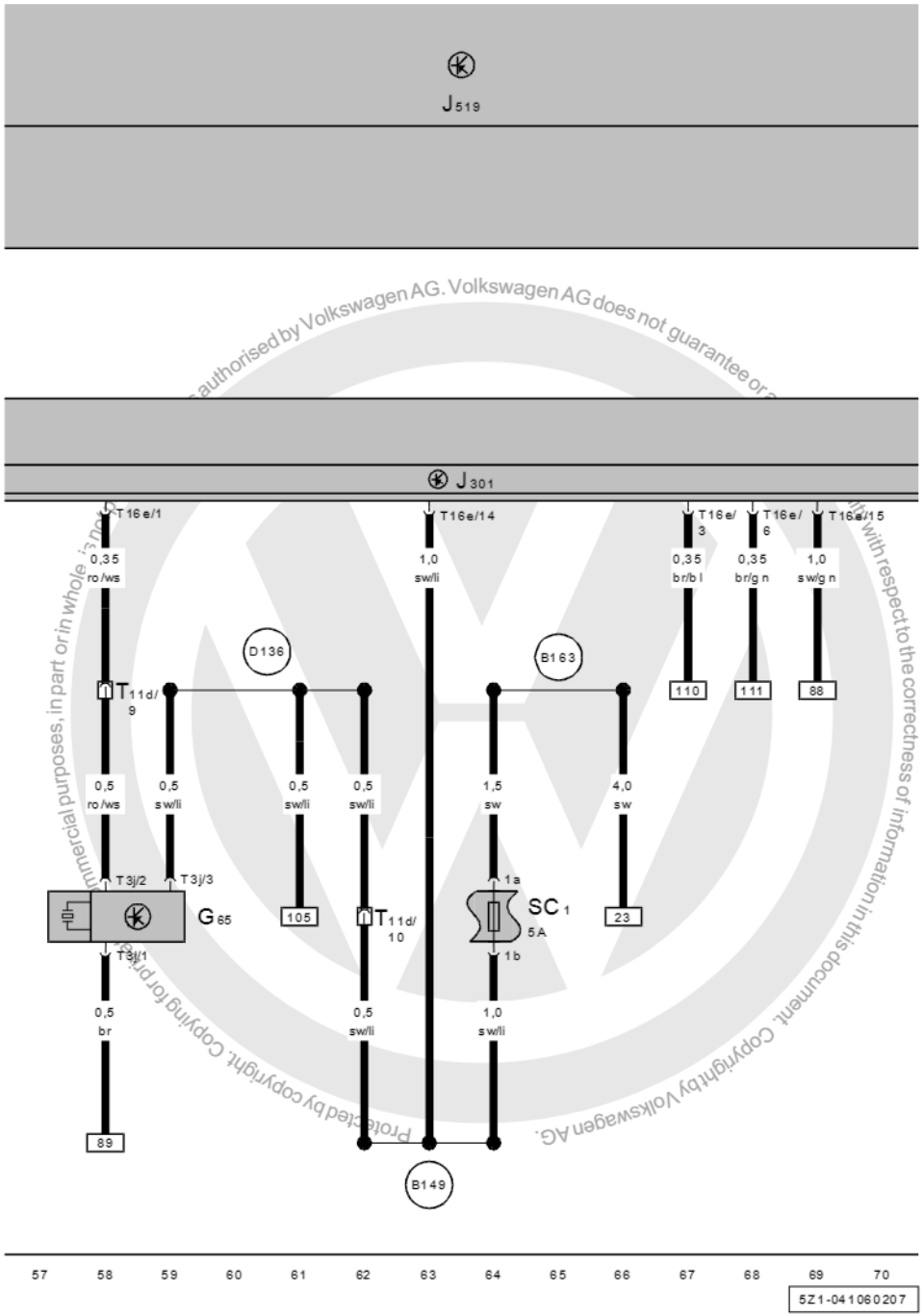


Air conditioning system switch, potentiometer for temperature selection rotary knob, air conditioning system control unit, onboard supply control unit, temperature flap control motor

E30	Air conditioning system switch
G92	Temperature flap control motor potentiometer
G191	Centre vent temperature sender
G192	Footwell vent temperature sender
G263	Evaporator out-flow temperature sender
G267	Potentiometer for temperature selection rotary knob
J301	Air conditioning system control unit
J519	Onboard supply control unit
K84	Air conditioning system warning lamp
T2cb	2-pin connector, on evaporator output temperature sender
T2cc	2-pin connector, on centre vent temperature sender
T2cd	2-pin connector, on footwell vent temperature sender
T6aj	6-pin connector, on potentiometer for temperature flap motor
T18c	10-pin connector, behind right dash panel
V68	Temperature flap control motor
L6	Connection 2, in evaporator housing unit wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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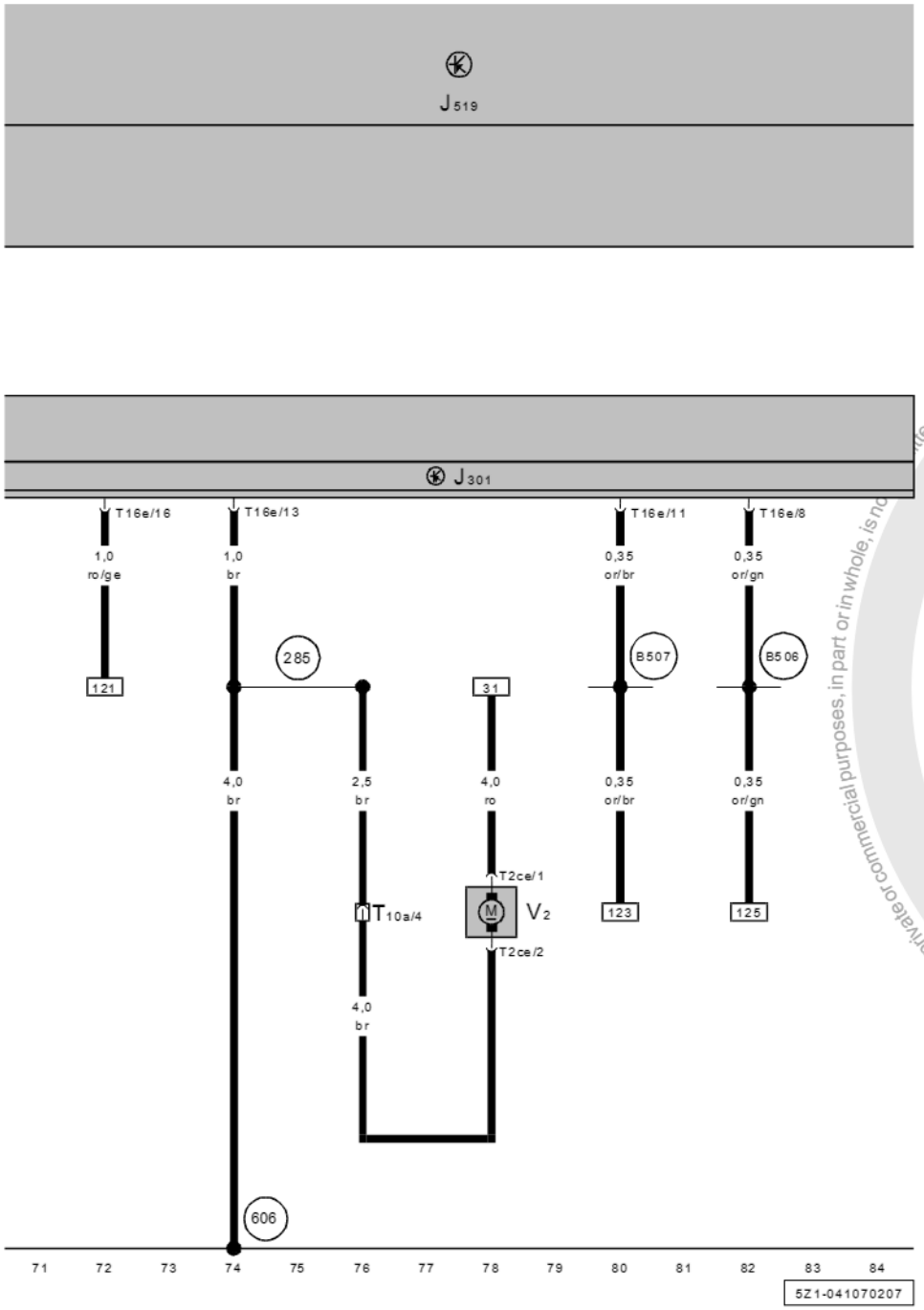


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High pressure sender, air conditioning system control unit, onboard power supply control unit

G65	High pressure sender
J301	Air conditioning system control unit
J519	Onboard supply control unit
SC1	Fuse 1 on fuse holder C
T3j	3-pin connector, on high pressure sender
T11d	11-pin connector, brown, in left engine compartment
T16e	16-pin connector, on air conditioning system control unit
B149	Positive connection 2 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
D136	Connection 2 (15a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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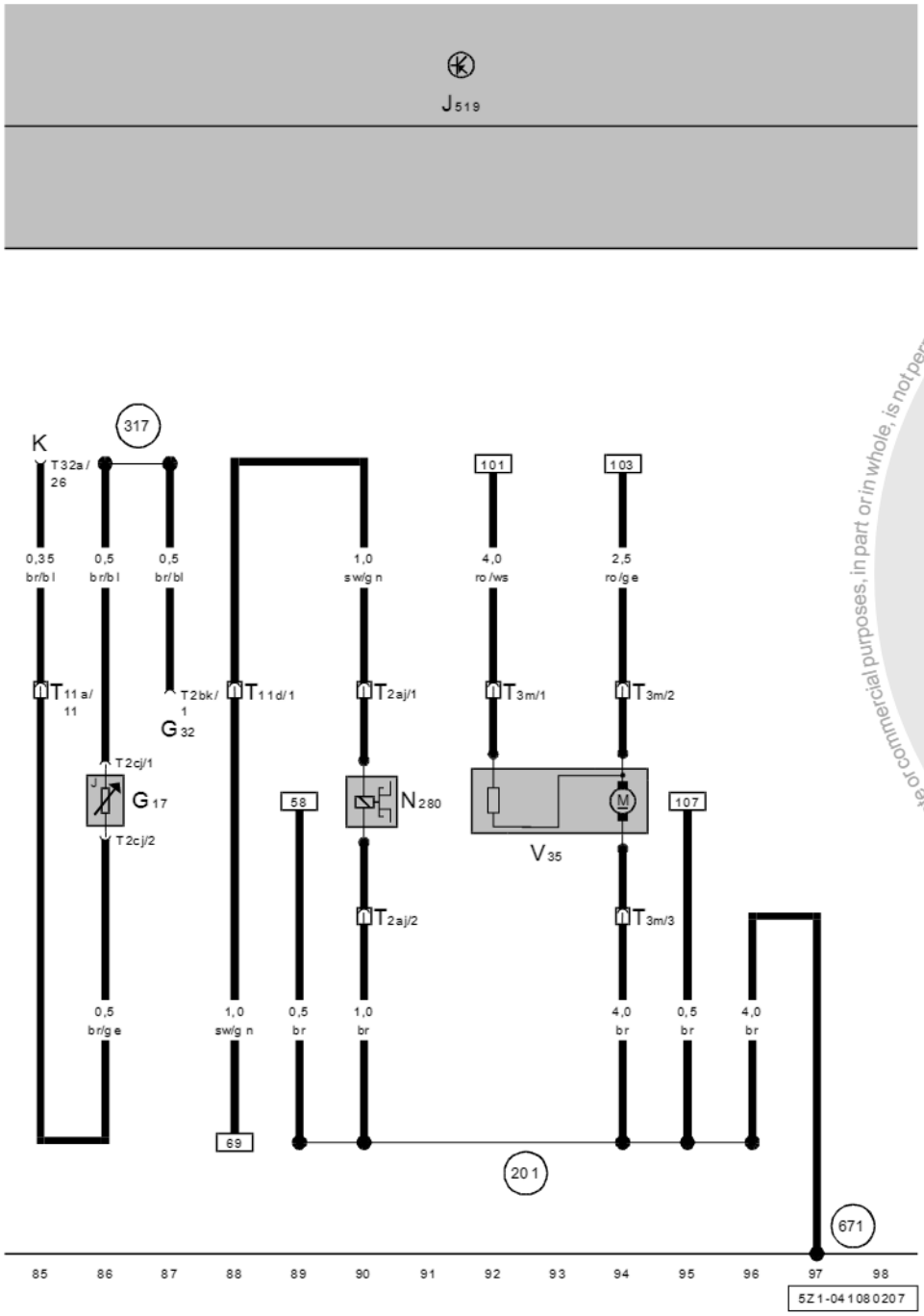


Air conditioning system control unit, onboard supply control unit, fresh air blower

J301	Air conditioning system control unit
J519	Onboard supply control unit
T2ce	2-pin connector, on fresh air blower
T10a	10-pin connector, behind right dash panel
T16e	16-pin connector, on air conditioning system control unit
V2	Fresh air blower
285	Earth connection 7, in interior wiring harness
606	Earth point, under the centre console near selector lever
B506	Connection (convenience CAN bus, high), in interior wiring harness
B507	Connection (convenience CAN bus, low), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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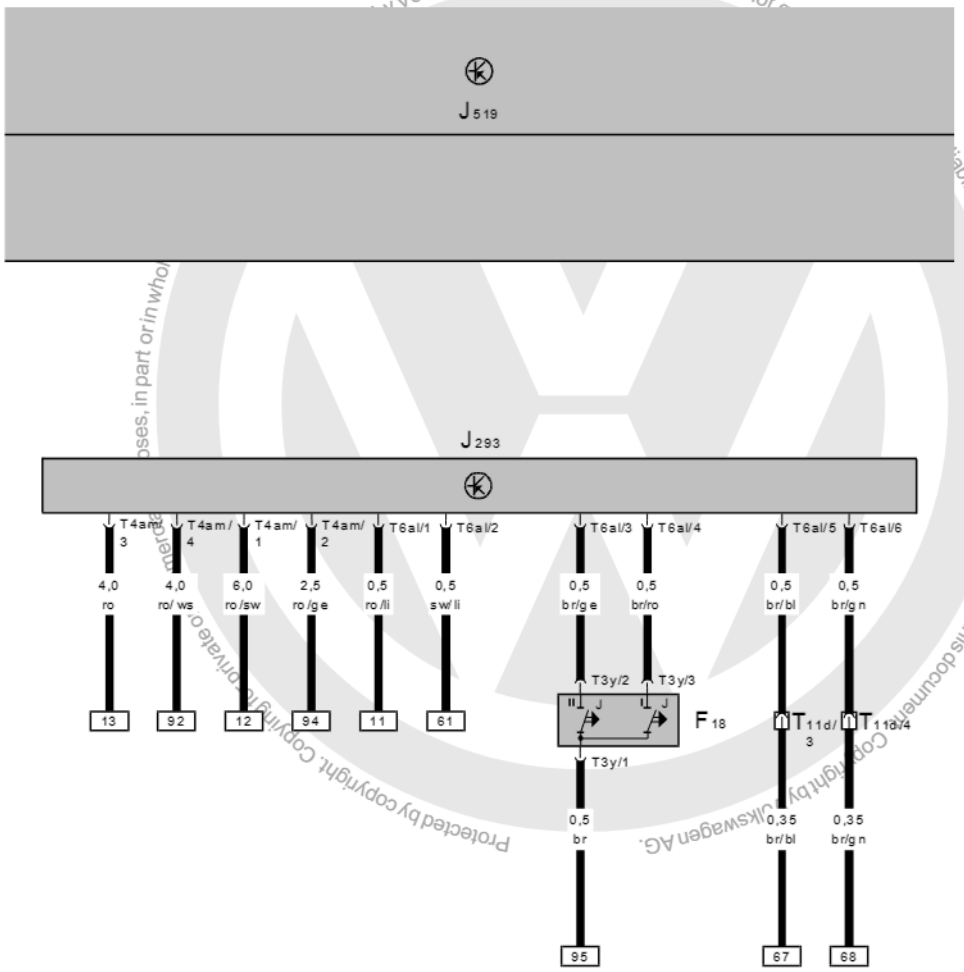


Ambient temperature sensor, onboard supply control unit, air conditioner compressor regulating valve, radiator fan on right of radiator

G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
K	Dash panel insert
N280	Air conditioning system compressor regulating valve
T2aj	2-pin connector, on air conditioning system compressor regulating valve
T2bk	2-pin connector, on coolant shortage indicator sender
T2cj	2-pin connector, on ambient temperature sensor
T3m	3-pin connector, on radiator fan on right
T11a	11-pin connector, red, in left engine compartment
T11d	11-pin connector, brown, in left engine compartment
T32a	32-pin connector, on dash panel insert
V35	Right radiator fan
201	Earth connection 5, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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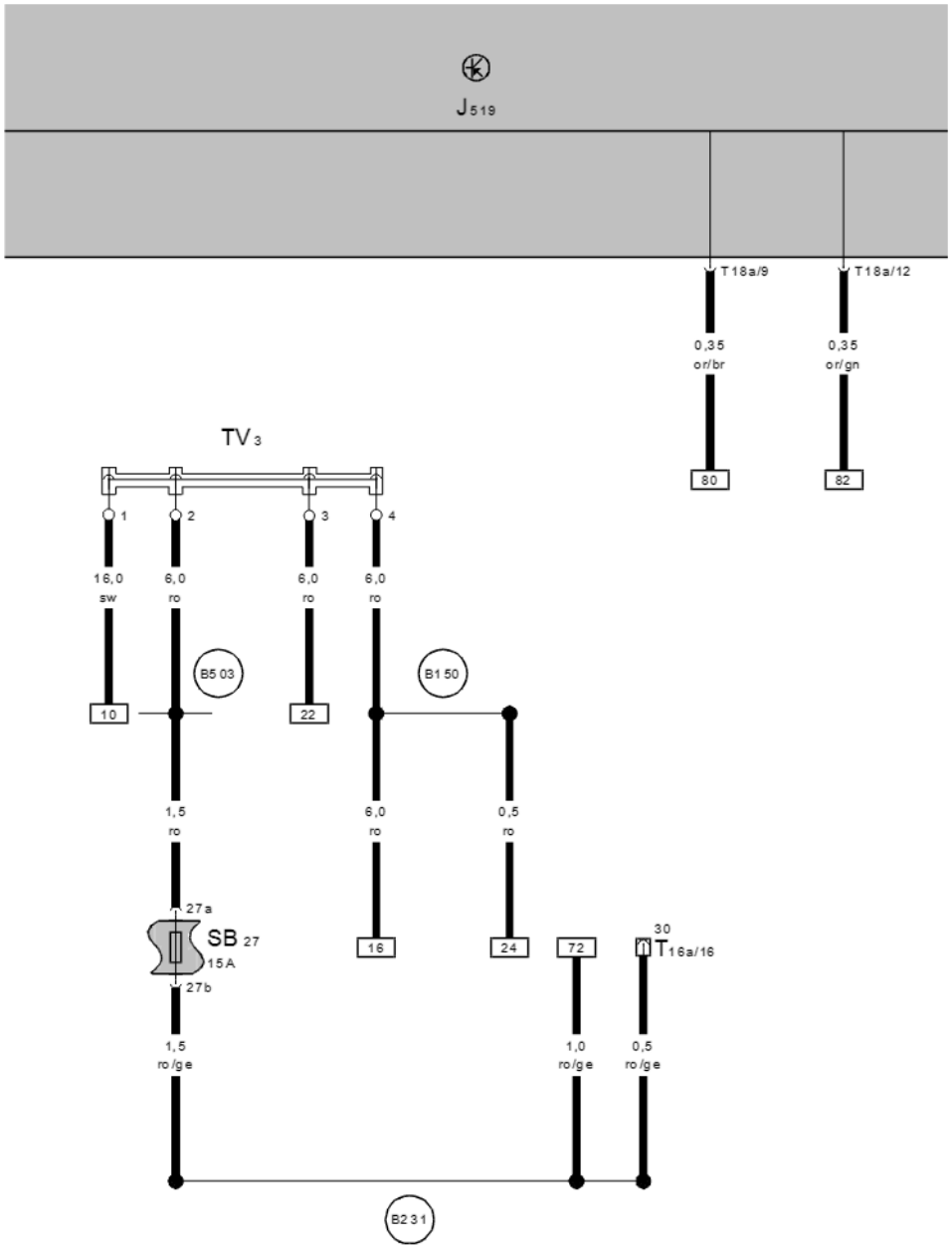


Radiator fan thermal switch, radiator fan control unit, onboard supply control unit

F18	Radiator fan thermal switch
J293	Radiator fan control unit
J519	Onboard supply control unit
T3y	3-pin connector, on radiator fan thermal switch
T4am	4-pin connector, on radiator fan control unit
T6al	6-pin connector, on radiator fan control unit
T11d	11-pin connector, brown, in left engine compartment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Onboard supply control unit, terminal 30a wiring junction

J519	Onboard supply control unit
SB27	Fuse 27 on fuse holder B
T16a	16-pin connector, on fuse holder
T18a	18-pin connector, on onboard supply control unit
TV3	Terminal 30a wiring junction
B150	Positive connection 2 (30a), in interior wiring harness
B231	Positive connection 5 (30a), in interior wiring harness
B503	Positive connection 7 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Electrohydraulic power assisted steering (Europe)

from November 2004, up to December 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

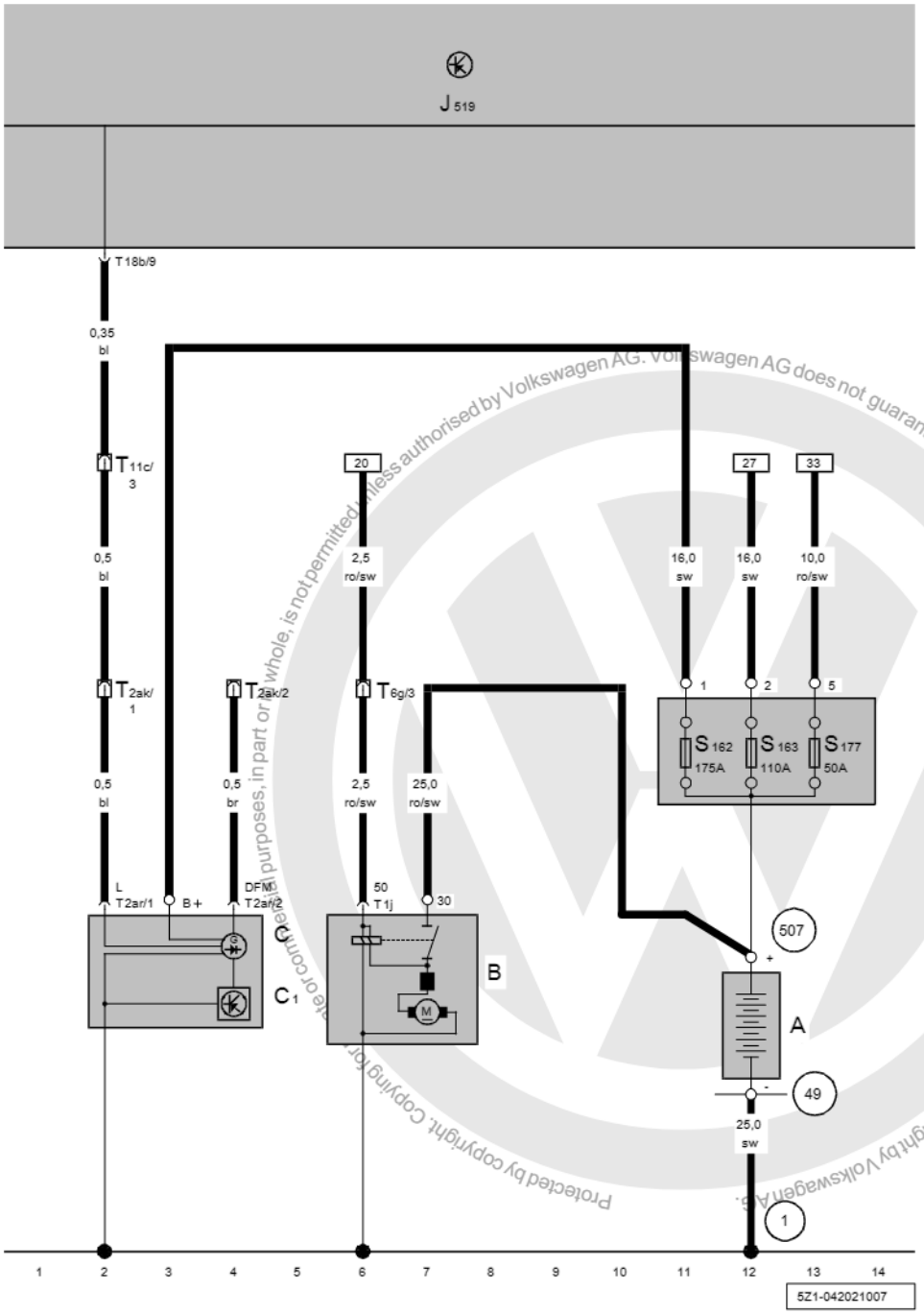
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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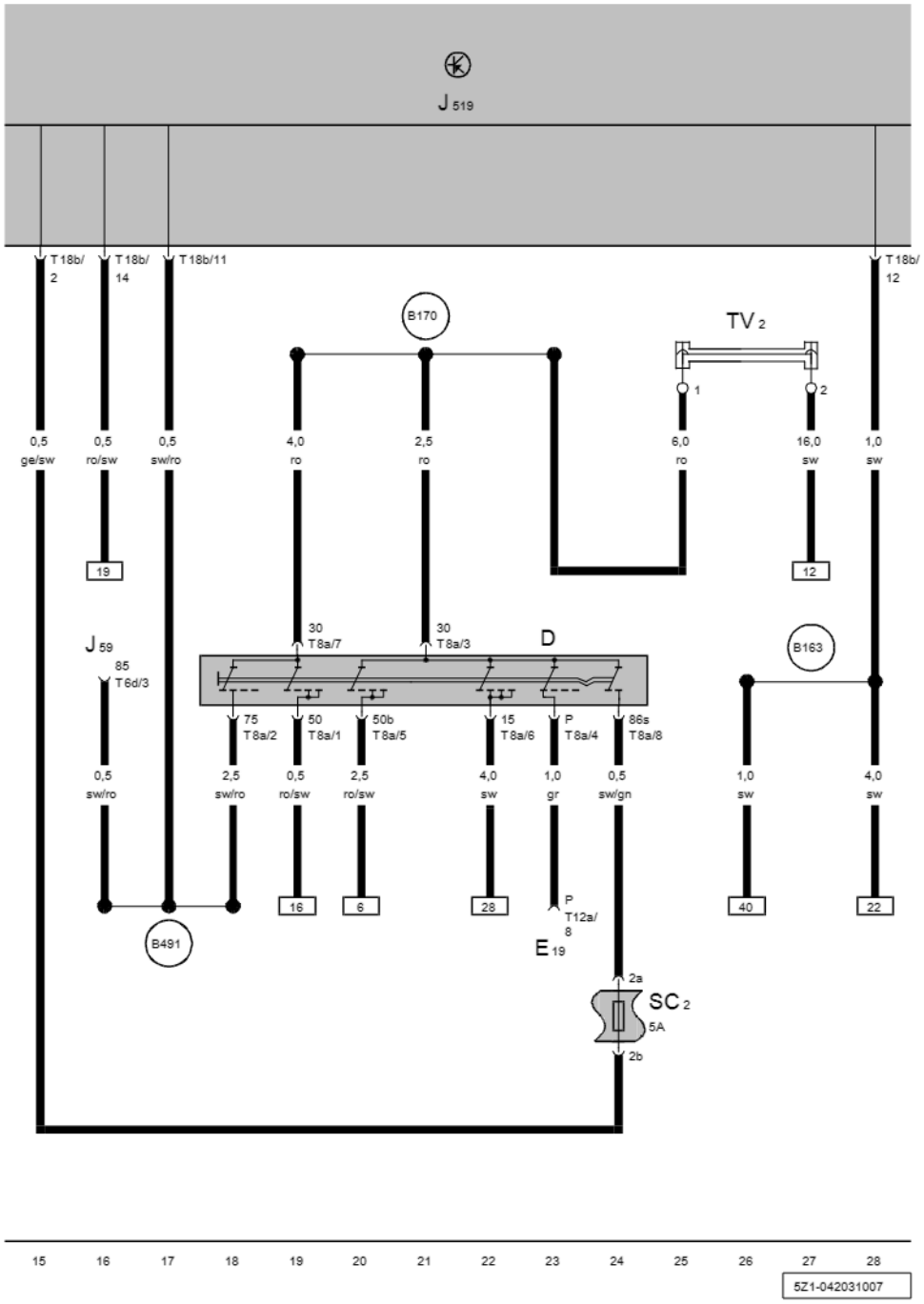


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ws = white
sw = black
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S177	Fuse 5 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

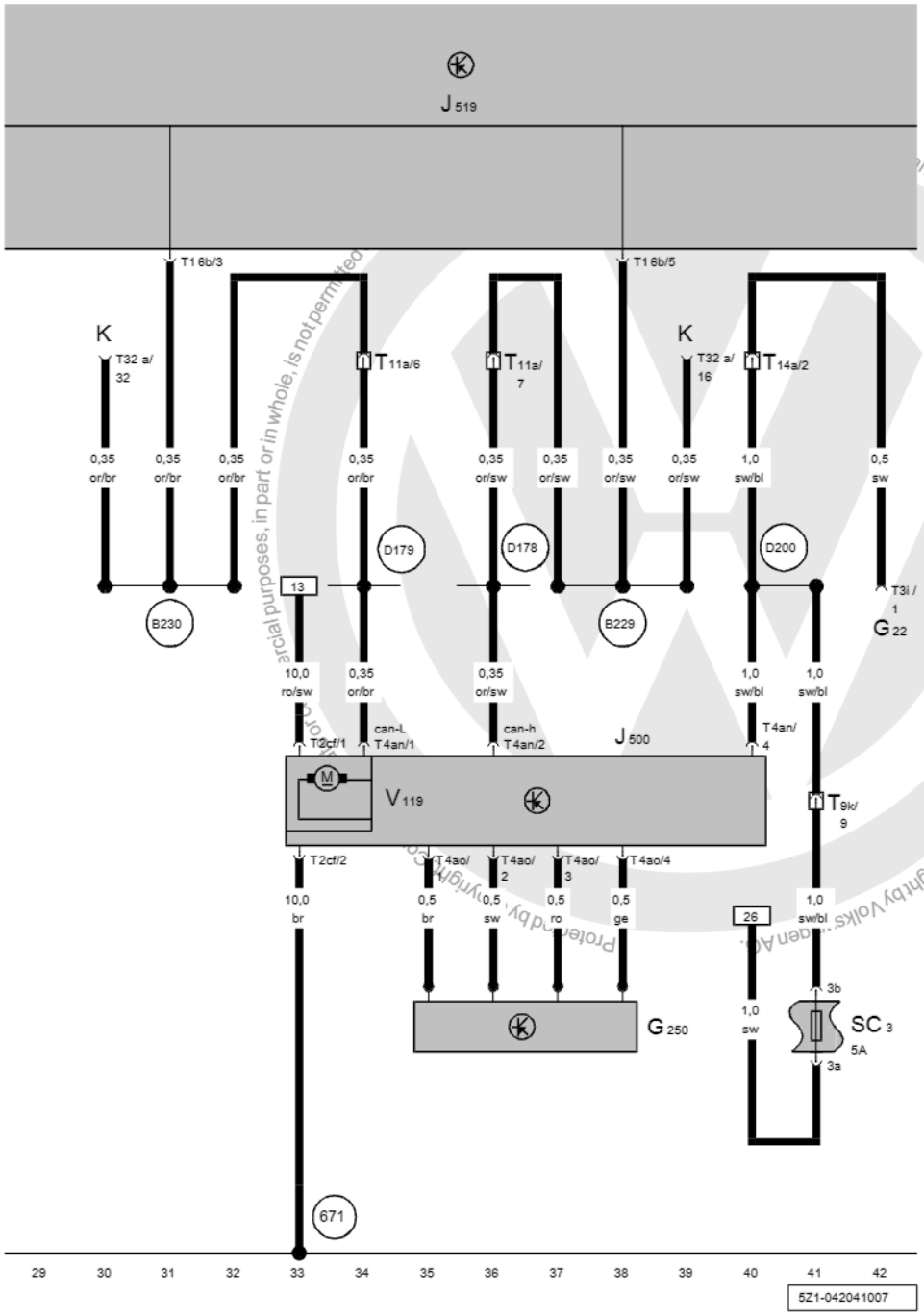


Ignition/starter switch, onboard supply control unit, terminal 30 wiring junction

D	Ignition/starter switch
E19	Parking light switch
J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
T12a	12-pin connector, on light switch
T18b	18-pin connector, on onboard supply control unit
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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gr = grey
li = purple
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rs = pink

Power steering sensor, power steering control unit, onboard supply control unit, steering hydraulics pump

G22	Speedometer sender
G250	Power steering sensor
J500	Power steering control unit
J519	Onboard supply control unit
K	Dash panel insert
SC3	Fuse 3 on fuse holder C
T2cf	2-pin connector, on steering hydraulics pump
T3i	3-pin connector, on speedometer sender
T4an	4-pin connector, on power steering control unit
T4ao	4-pin connector, on power steering control unit
T9k	9-pin connector, yellow, in left engine compartment
T11a	11-pin connector, red, in left engine compartment
T14a	14-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
V119	Steering hydraulics pump
671	Earth point 1, on front of left longitudinal member
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
D178	Connection 2 (high bus), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness
D200	Positive connection 3 (15a), in engine compartment wiring harness

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Fog lights (Crossfox)

from February 2005 up to July 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

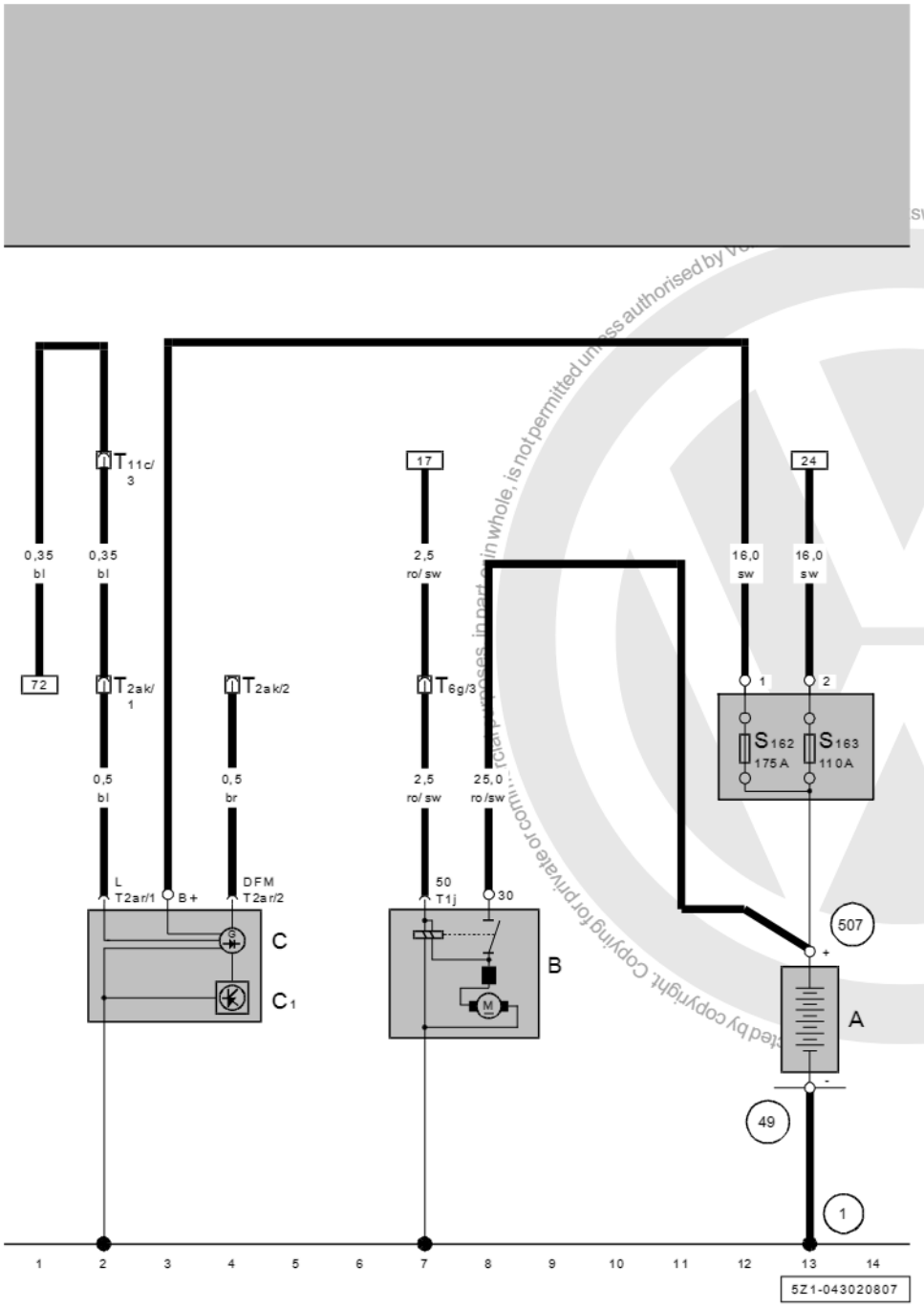
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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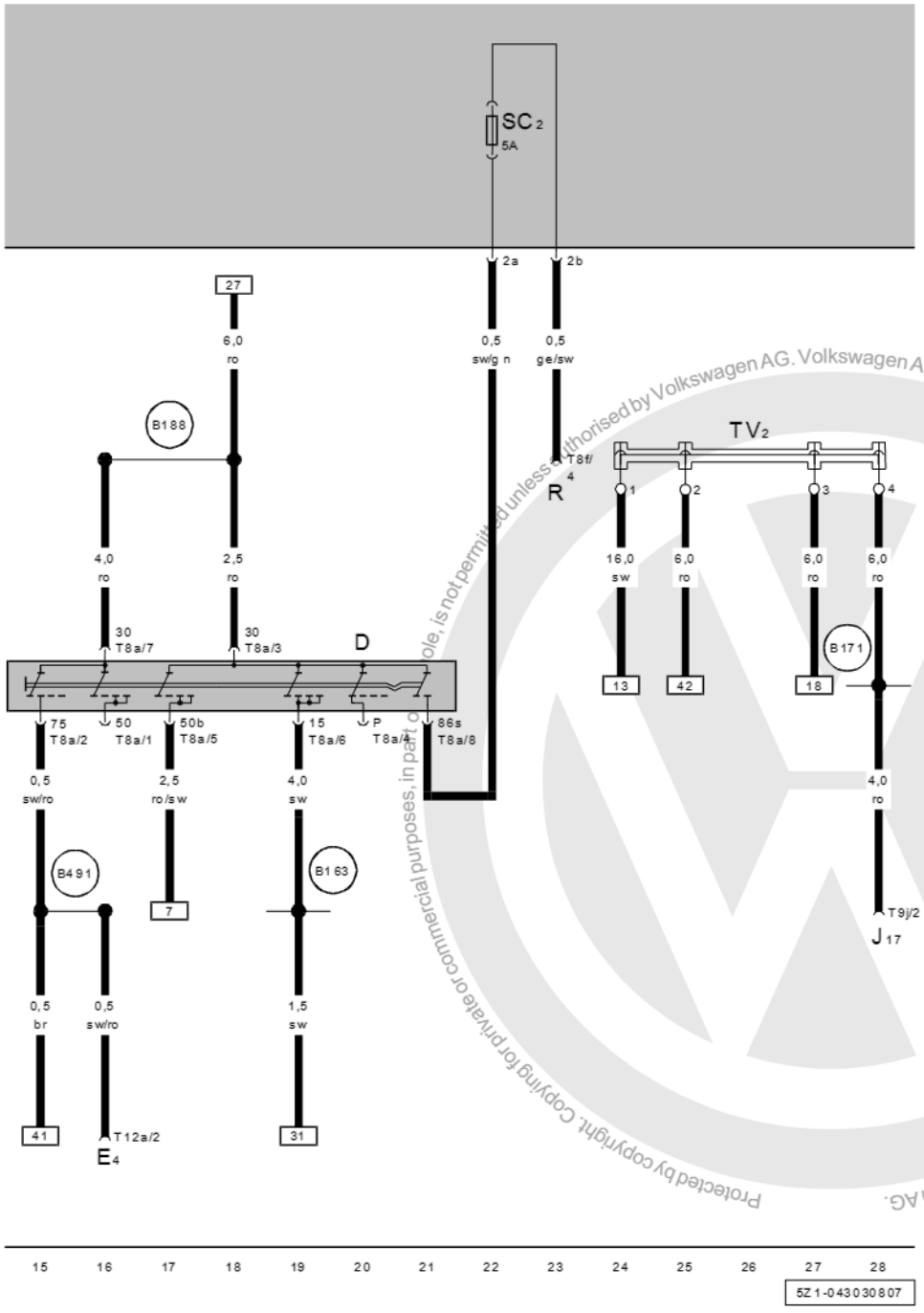


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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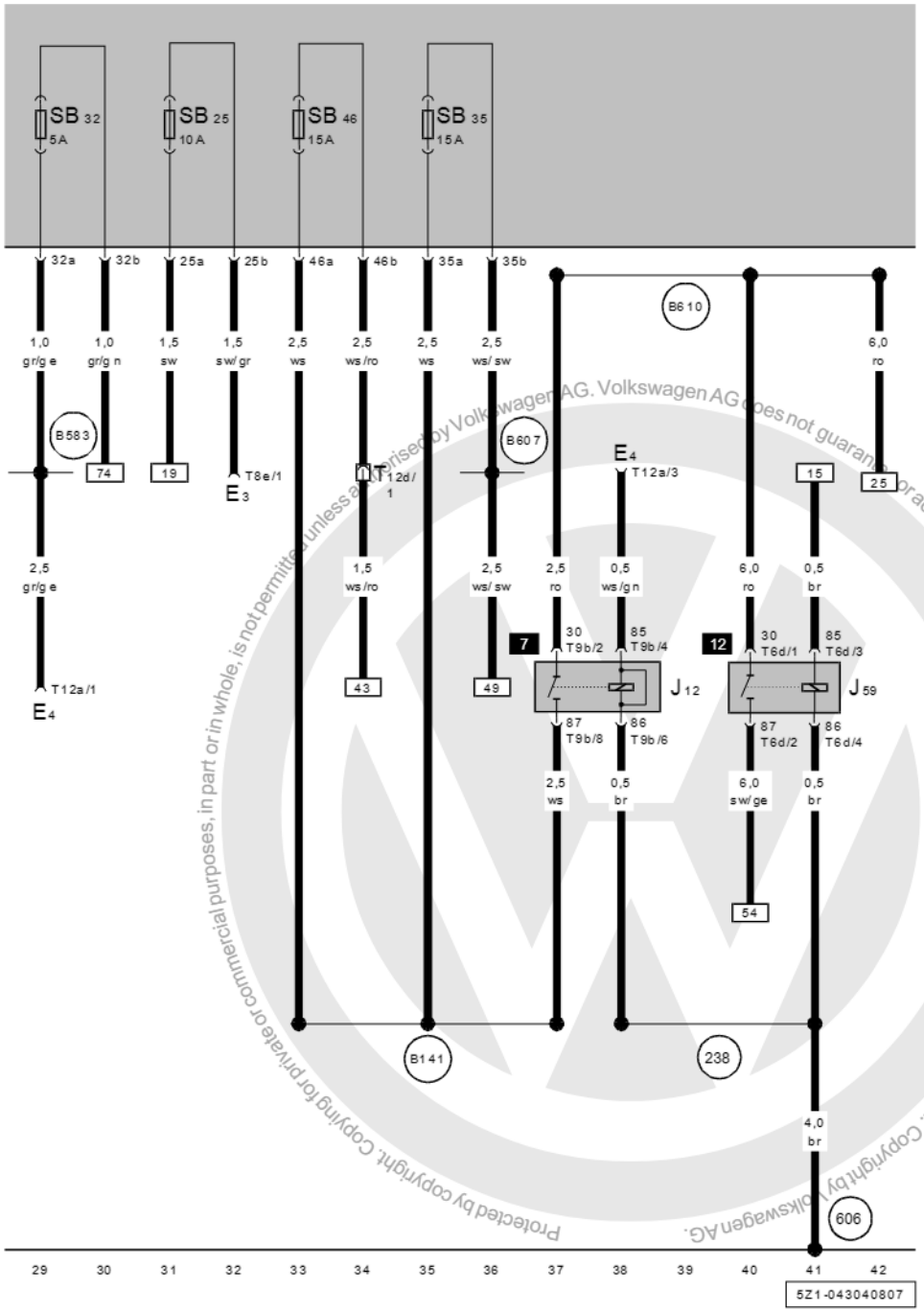


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
E4	Headlight dipper/flasher switch
J17	Fuel pump relay
R	Radio
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T8f	8-connector, on radio
T9j	9-pin connector, on fuel pump relay
T12a	12-pin connector, on light switch
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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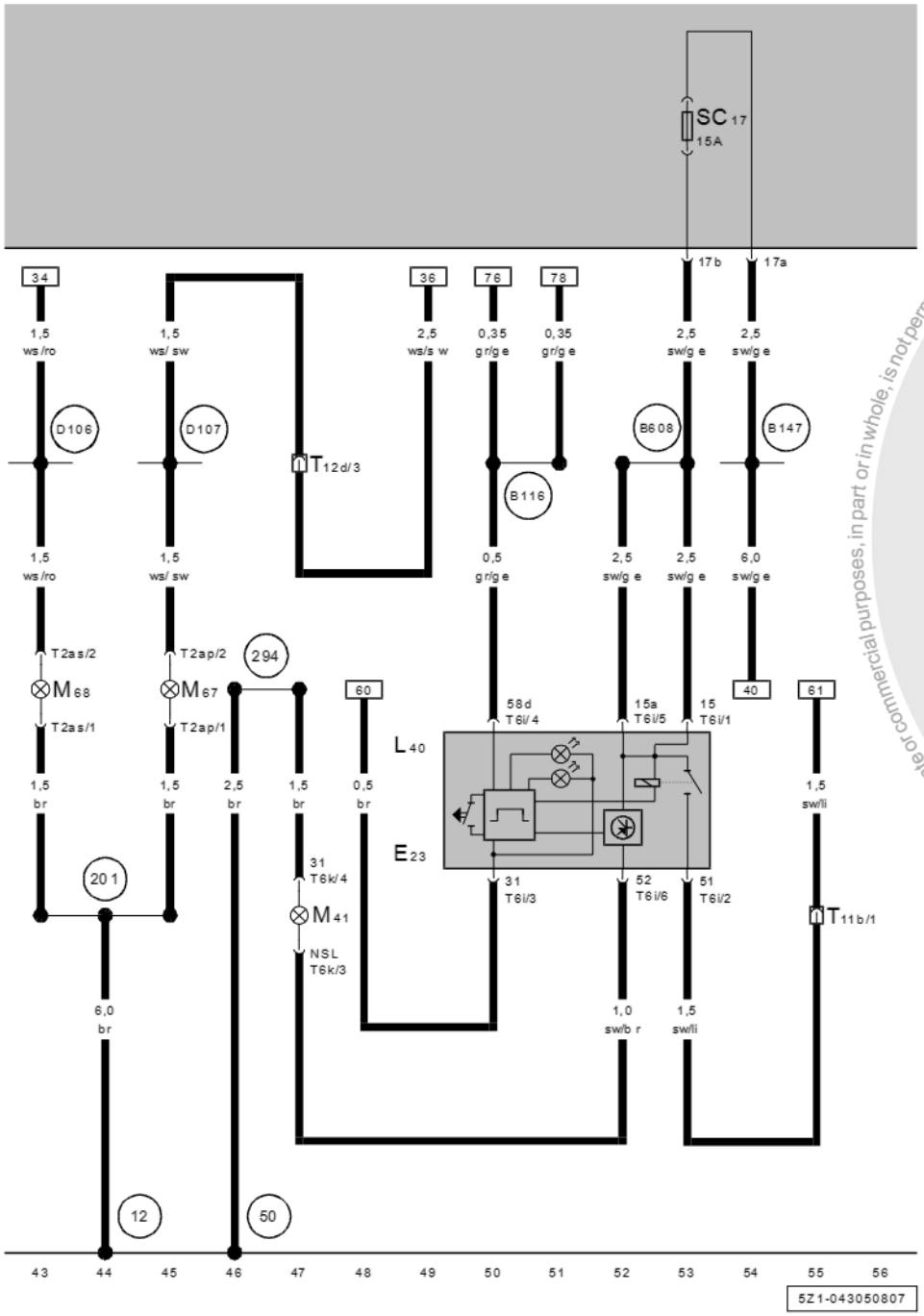


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Headlight main beam relay, X-contact relief relay

E3	Hazard warning light switch
E4	Headlight dipper/flasher switch
J12	Headlight main beam relay
J59	X-contact relief relay
SB25	Fuse 25 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T6d	6-pin connector, on X-contact relief relay
T8e	8-connector, on hazard warning light switch
T9b	9-pin connector, on headlight main beam relay
T12a	12-pin connector, on light switch
T12d	12-pin connector, white, in left engine compartment
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B141	Positive connection 1 (56a), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B607	Connection 3, in interior wiring harness
B610	Connection 6, in interior wiring harness

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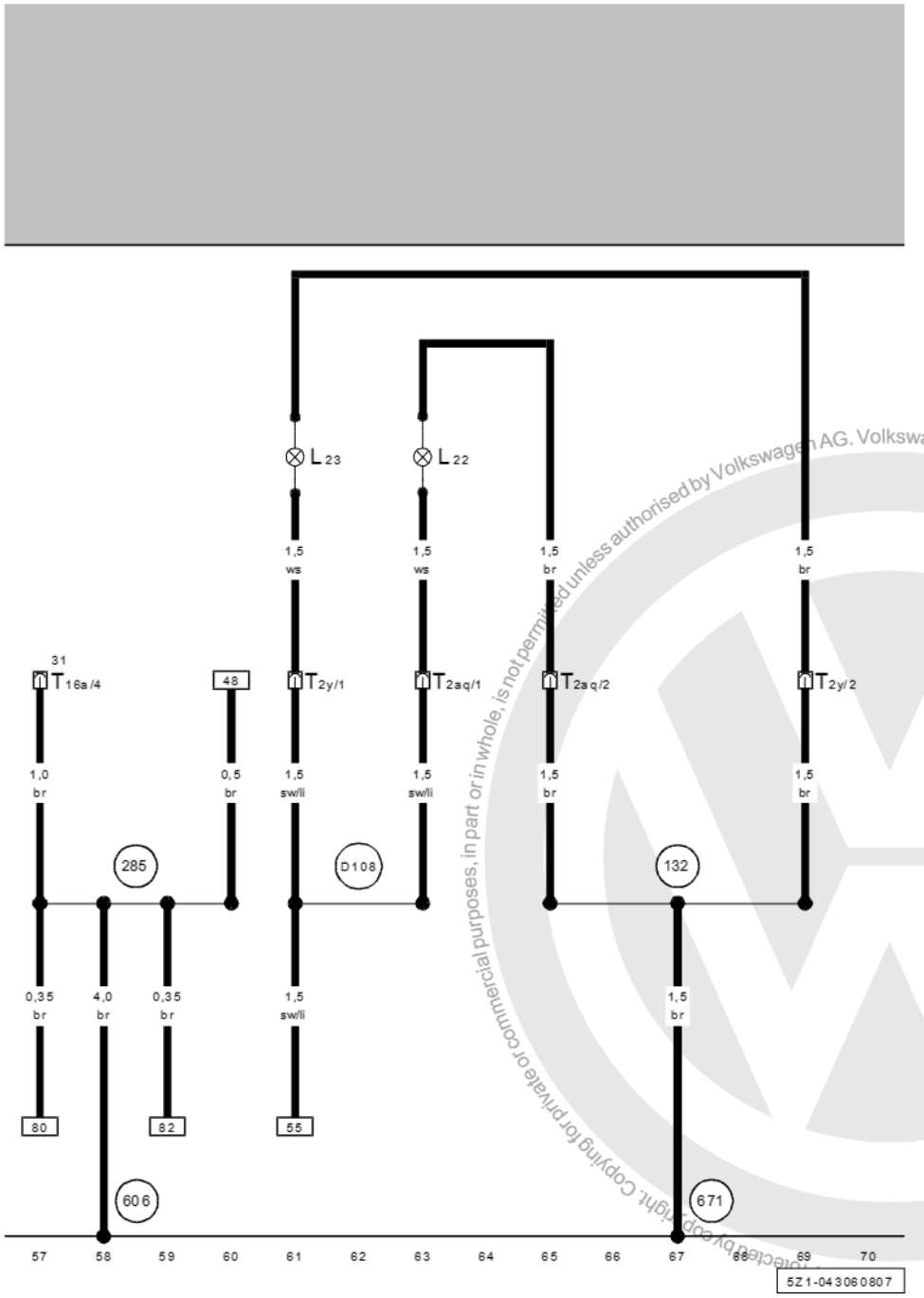


Front and rear fog light switch, front and rear fog light switch illumination bulb, left tail light and rear fog light bulb, left additional main bean bulb

E23	Front and rear fog light switch
L40	Front and rear fog light switch illumination bulb
M41	Left tail light and rear fog light bulb
M67	Left additional main bean bulb
M68	Right additional main bean bulb
SC17	Fuse 17 on fuse holder C
T2ap	2-pin connector, on left additional main bean bulb
T2as	2-pin connector, on right additional main bean bulb
T6i	6-pin connector, on front and rear fog light switch
T6k	6-pin connector, on the rear left turn signal bulb
T11b	11-pin connector, blue, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
12	Earth point, on left in engine compartment
50	Earth points, on left in luggage compartment
201	Earth connection 5, in engine compartment wiring harness
294	Earth connection 9, in interior wiring harness
B116	Connection (58d), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness
B608	Connection 4, in interior wiring harness
D106	Connection 4, in engine compartment wiring harness
D107	Connection 5, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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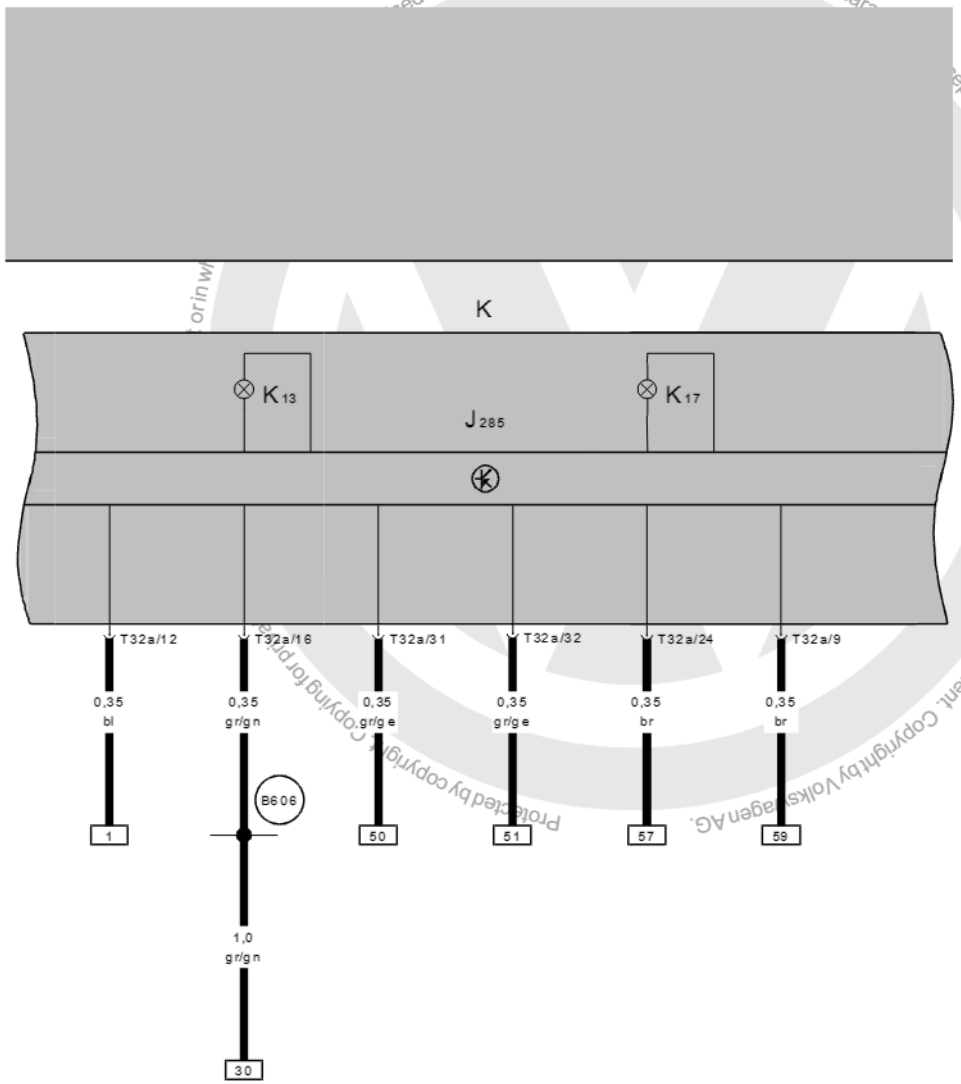


Left fog light bulb, right fog light bulb

L22	Left fog light bulb
L23	Right fog light bulb
T2aq	2-pin connector, on left fog light bulb
T2y	2-pin connector, on right fog light bulb
T16a	16-pin connector, on fuse holder
132	Earth connection 3, in engine compartment wiring harness
285	Earth connection 7, in interior wiring harness
606	Earth point, under the centre console near selector lever
671	Earth point 1, on front of left longitudinal member
D108	Connection 6, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Control unit in dash panel insert, dash panel insert, rear fog light warning lamp, fog light warning lamp

J285	Control unit in dash panel insert
K	Dash panel insert
K13	Rear fog light warning lamp
K17	Fog light warning lamp
T32a	32-pin connector, on dash panel insert
B606	Connection 2, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Light switch (Crossfox)

from February 2005 up to July 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

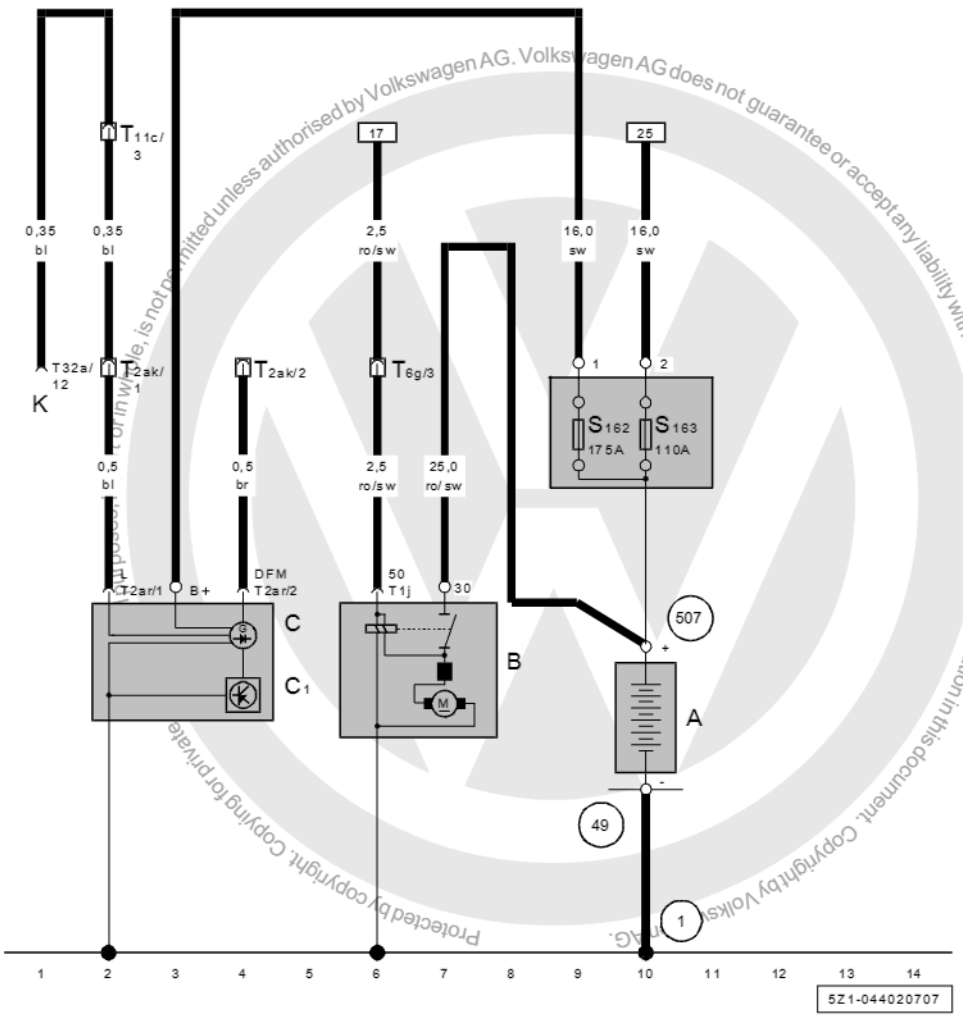
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For information concerning

- Fault Finding Programs

⇒ guided fault finding

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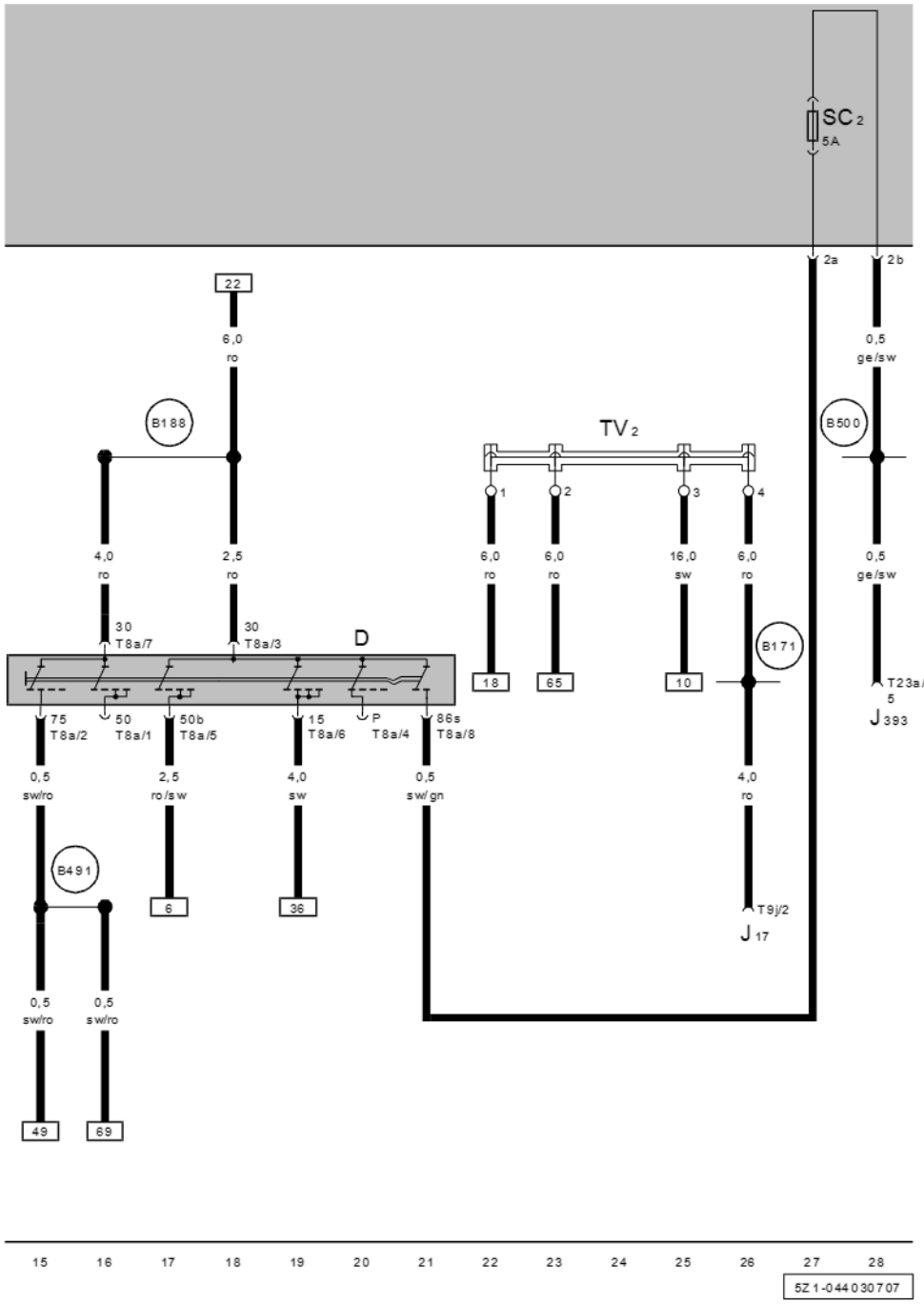


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Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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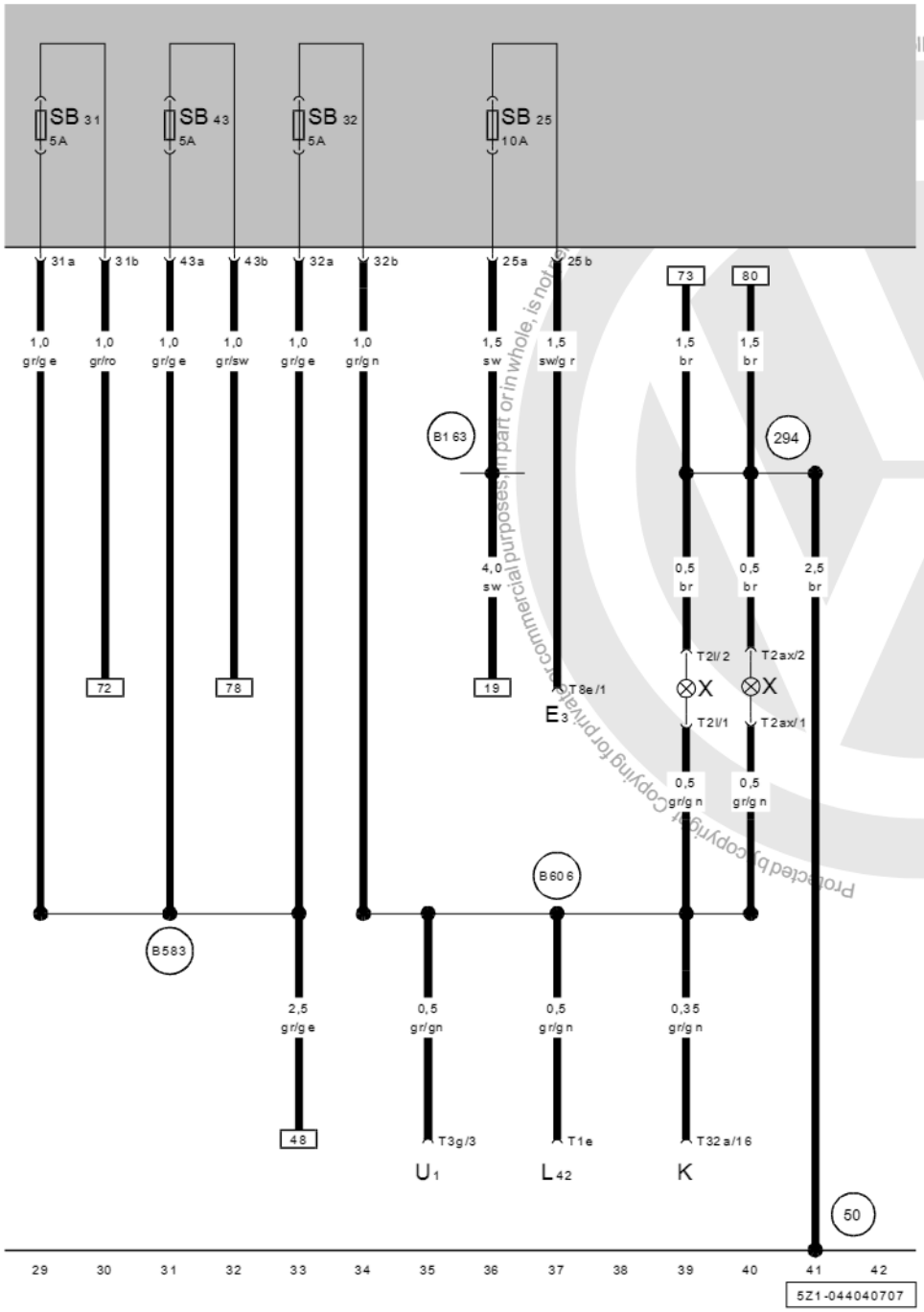


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T9j	9-pin connector, on fuel pump relay
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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rs	=	pink

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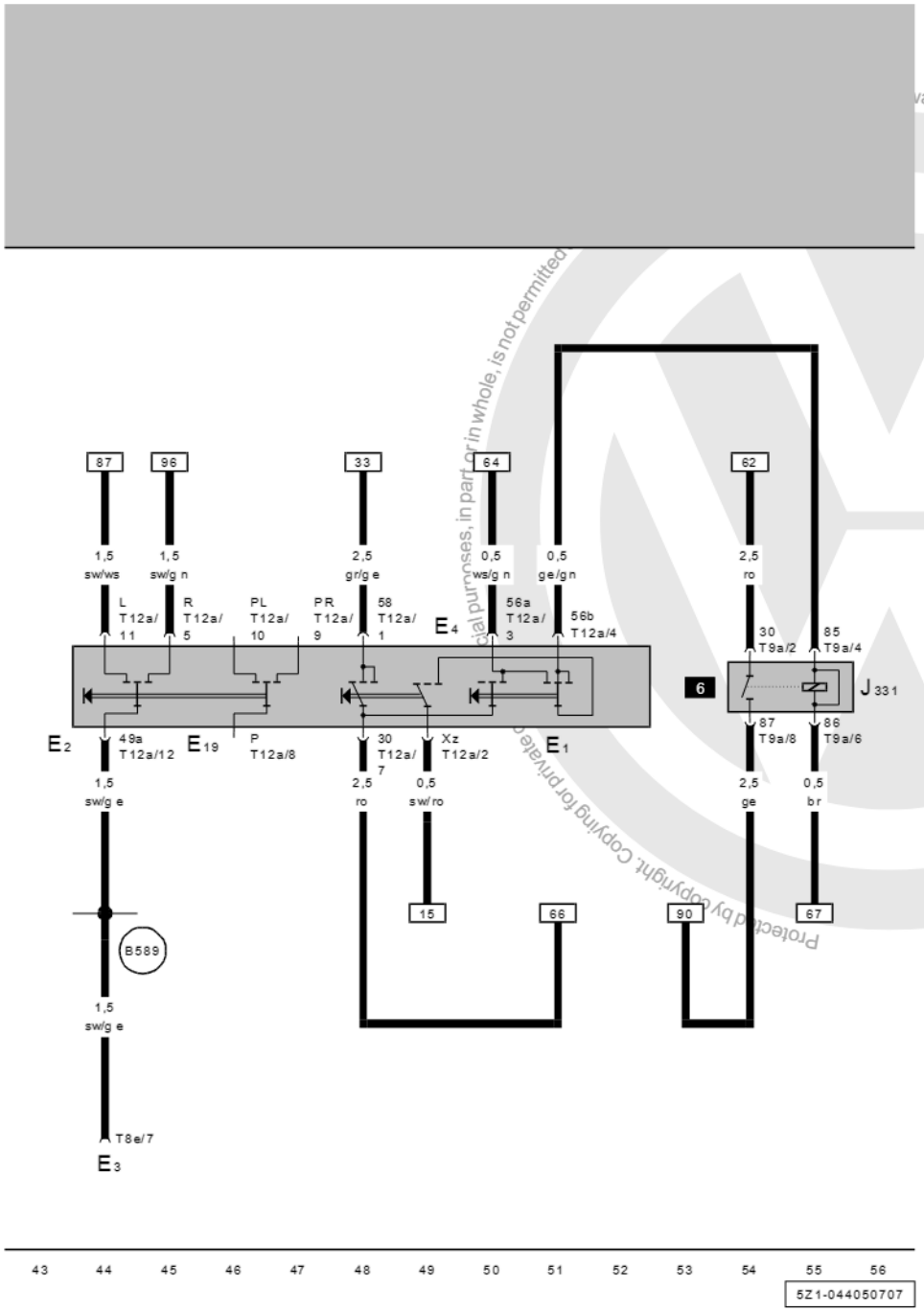


Number plate light

E3	Hazard warning light switch
K	Dash panel insert
L42	Socket illumination bulb
SB25	Fuse 25 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB43	Fuse 43 on fuse holder B
T1e	Single pin connector, on socket illumination bulb
T2ax	2-pin connector, on number plate light
T2l	2-pin connector, on number plate light
T3g	3-pin connector, on cigarette lighter
T8e	8-connector, on hazard warning light switch
T32a	32-pin connector, on dash panel insert
U1	Cigarette lighter
X	Number plate light
50	Earth points, on left in luggage compartment
294	Earth connection 9, in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B606	Connection 2, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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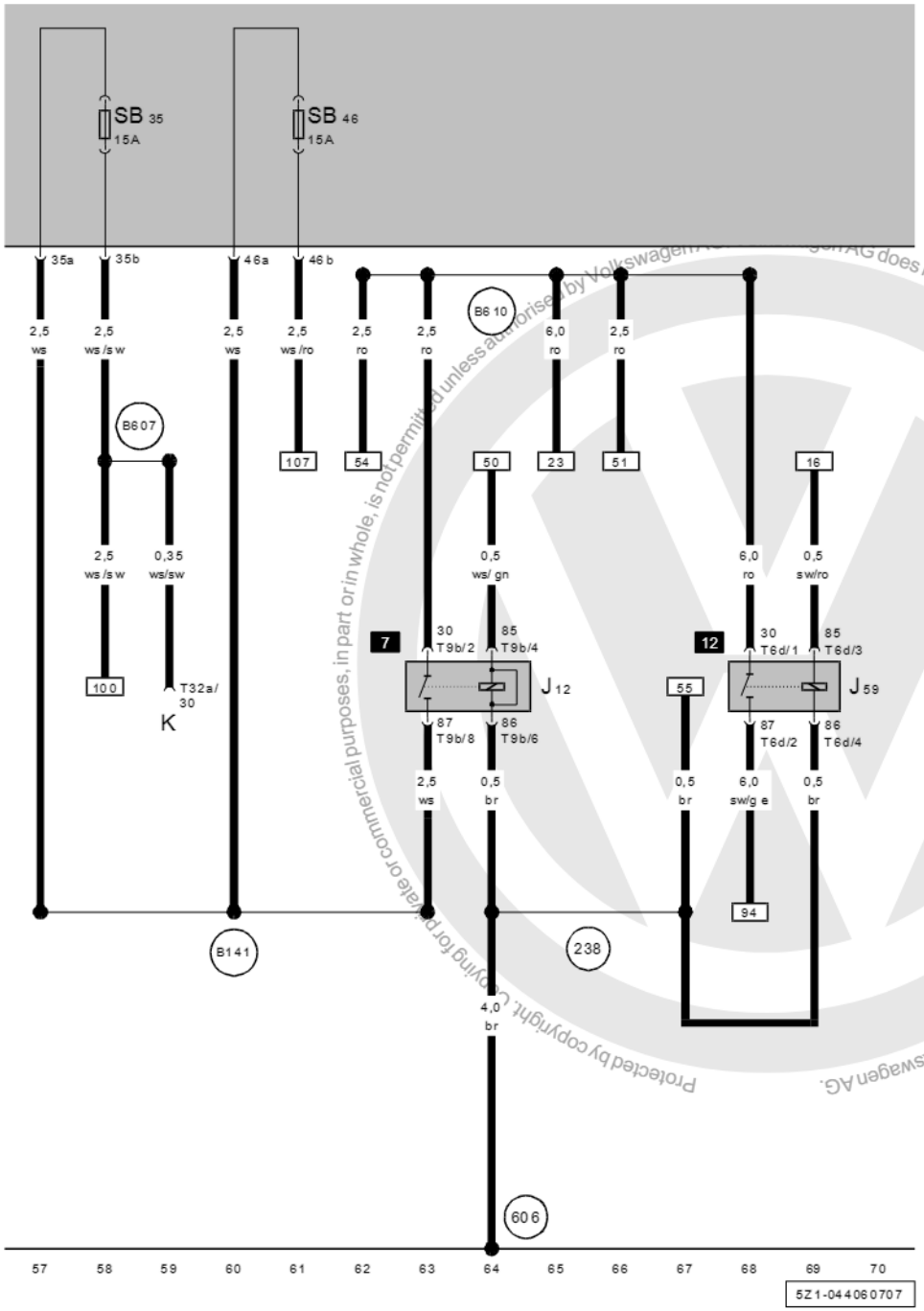


Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, dipped beam relay

E1	Light switch
E2	Turn signal switch
E3	Hazard warning light switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J331	Dipped beam relay
T8e	8-connector, on hazard warning light switch
T9a	9-pin connector, on dipped beam relay
T12a	12-pin connector, on light switch
B589	Connection (49a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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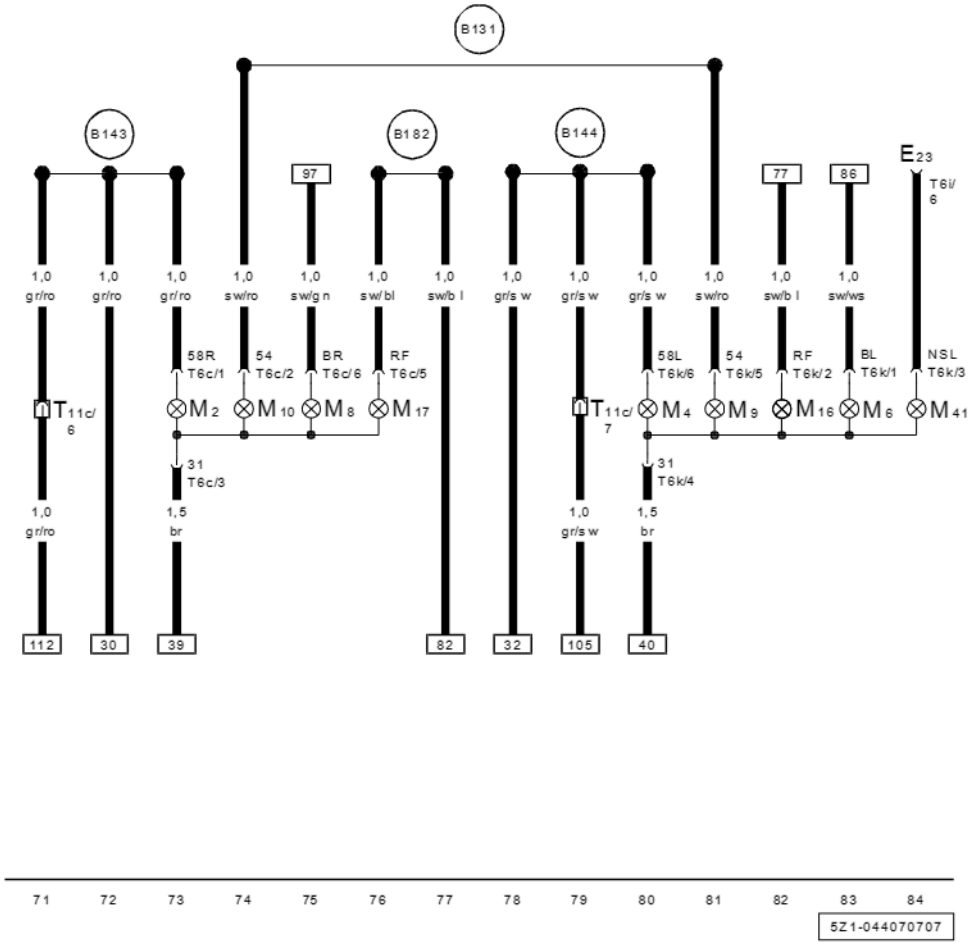
Headlight main beam relay, X-contact relief relay

J12	Headlight main beam relay
J59	X-contact relief relay
K	Dash panel insert
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T6d	6-pin connector, on X-contact relief relay
T9b	9-pin connector, on headlight main beam relay
T32a	32-pin connector, on dash panel insert
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B141	Positive connection 1 (56a), in interior wiring harness
B607	Connection 3, in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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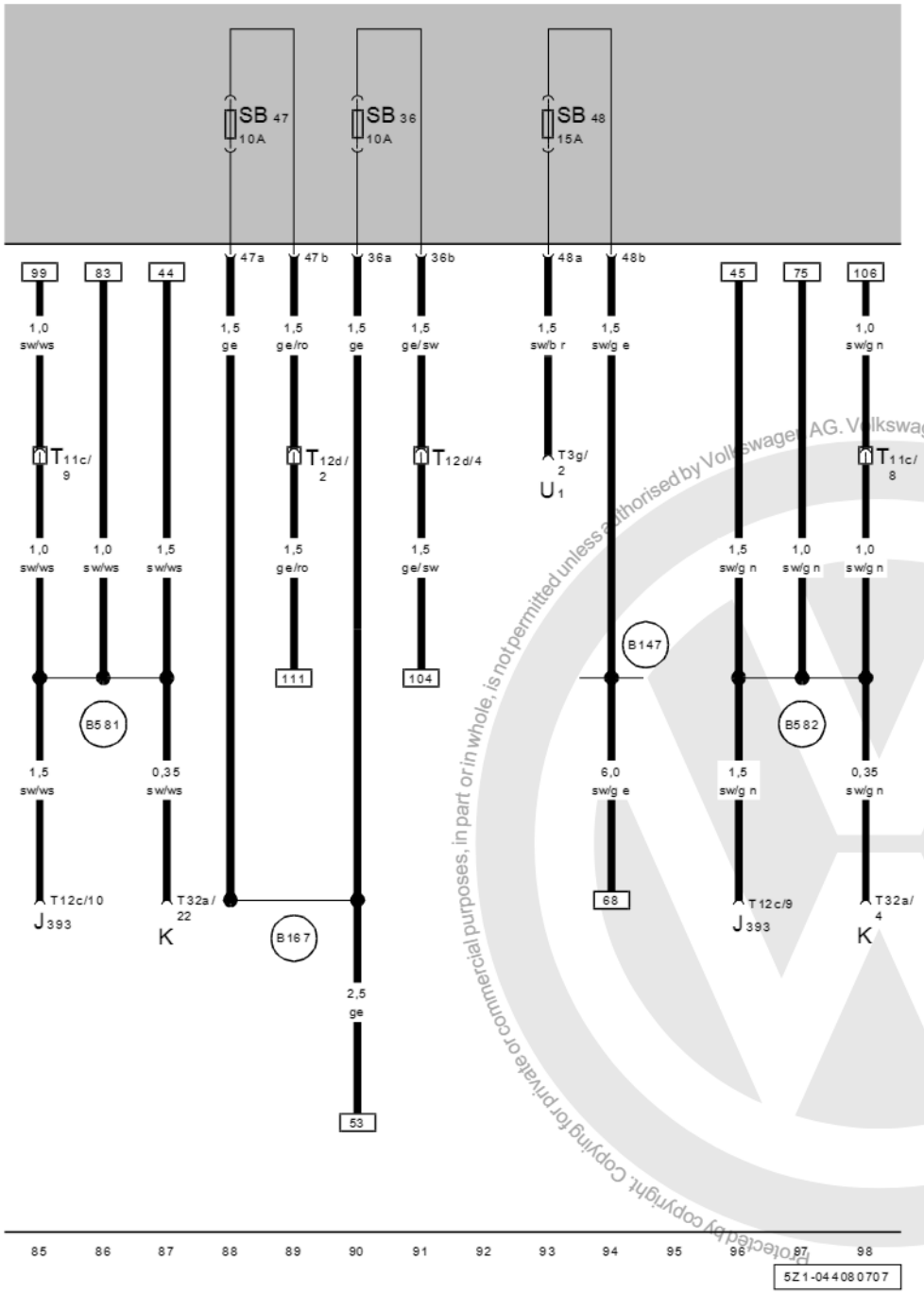


Right tail light bulb, rear left turn signal bulb, left brake light bulb, right brake light bulb, left reversing light bulb, right reversing light bulb

E23	Front and rear fog light switch
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M41	Left tail light and rear fog light bulb
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
T6i	6-pin connector, on front and rear fog light switch
T11c	11-pin connector, green, in left engine compartment
B131	Connection (54), in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B182	Connection (RL), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
ge	=	yellow
or	=	orange
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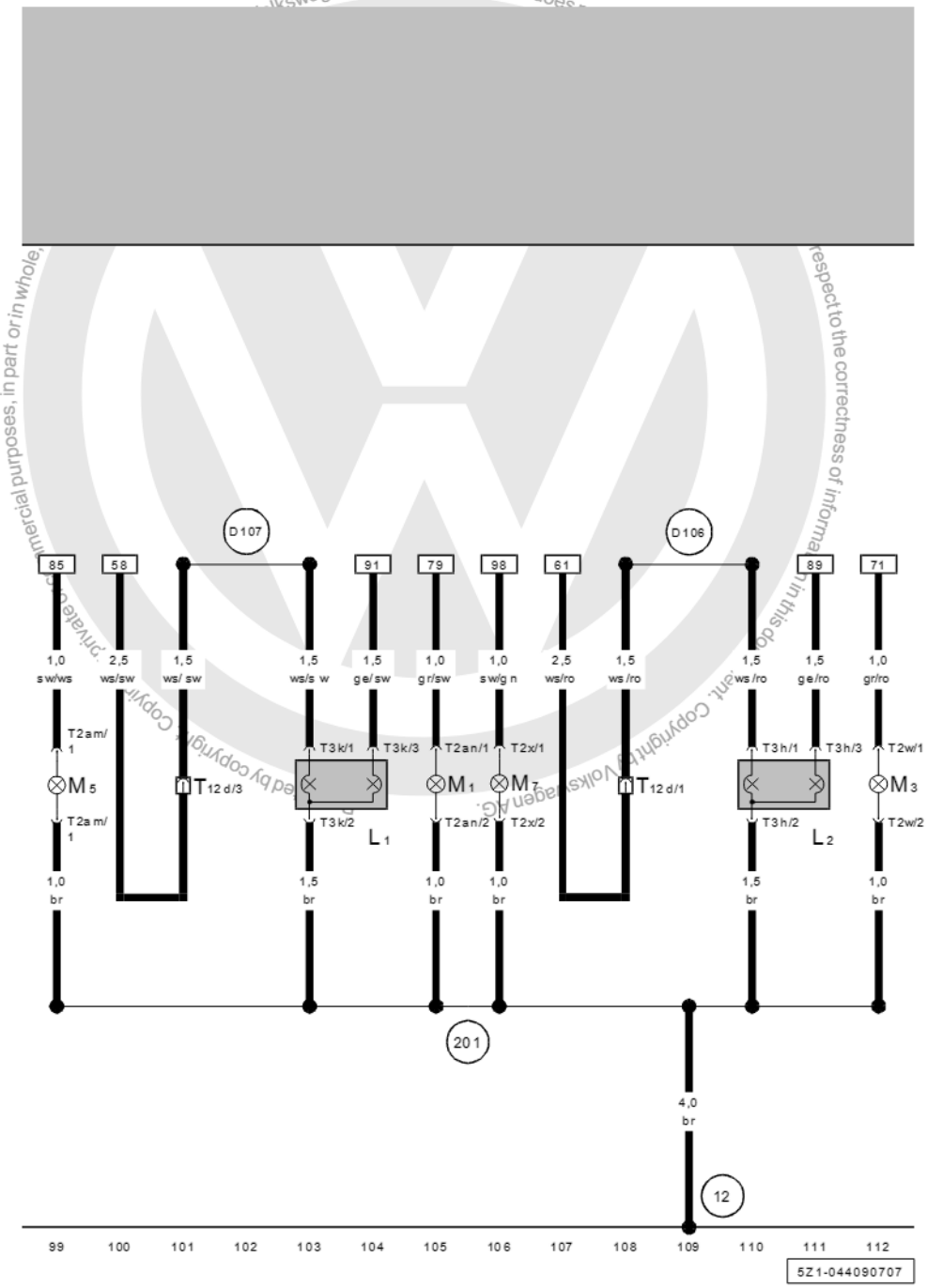


Fuses

J393	Convenience system central control unit
K	Dash panel insert
SB36	Fuse 36 on fuse holder B
SB47	Fuse 47 on fuse holder B
SB48	Fuse 48 on fuse holder B
T3g	3-pin connector, on cigarette lighter
T11c	11-pin connector, green, in left engine compartment
T12c	12-pin connector, on convenience system central control unit
T12d	12-pin connector, white, in left engine compartment
T32a	32-pin connector, on dash panel insert
U1	Cigarette lighter
B147	Positive connection 2 (87), in interior wiring harness
B167	Connection (56b), in interior wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness
B582	Positive connection (right indicator lamp), interior wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Left headlight twin filament bulb/left sealed beam insert, right headlight twin filament bulb/right sealed beam insert, front left side marker bulb, front right side marker bulb, front left turn signal bulb

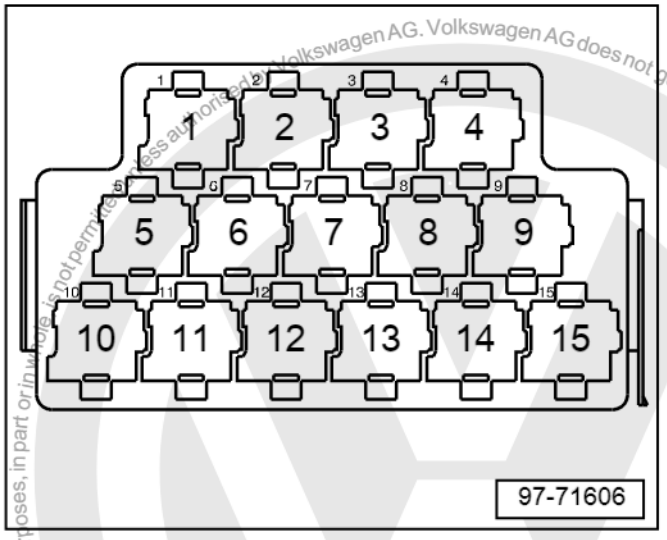
L1	Left headlight twin filament bulb/left sealed beam insert
L2	Right headlight twin filament bulb/right sealed beam insert
M1	Front left side marker bulb
M3	Front right side marker bulb
M5	Front left turn signal bulb
M7	Front right turn signal bulb
T2am	2-pin connector, on the front left turn signal bulb
T2an	2-pin connector, on the front left side marker bulb
T2w	2-pin connector, on the front right side marker bulb
T2x	2-pin connector, on the front right turn signal bulb
T3h	3-pin connector, on right headlight twin filament bulb/right sealed beam insert
T3k	3-pin connector, on left headlight twin filament bulb/left sealed beam insert
T12d	12-pin connector, white, in left engine compartment
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
D106	Connection 4, in engine compartment wiring harness
D107	Connection 5, in engine compartment wiring harness

Spare wheel release (Crossfox)

from February 2005

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

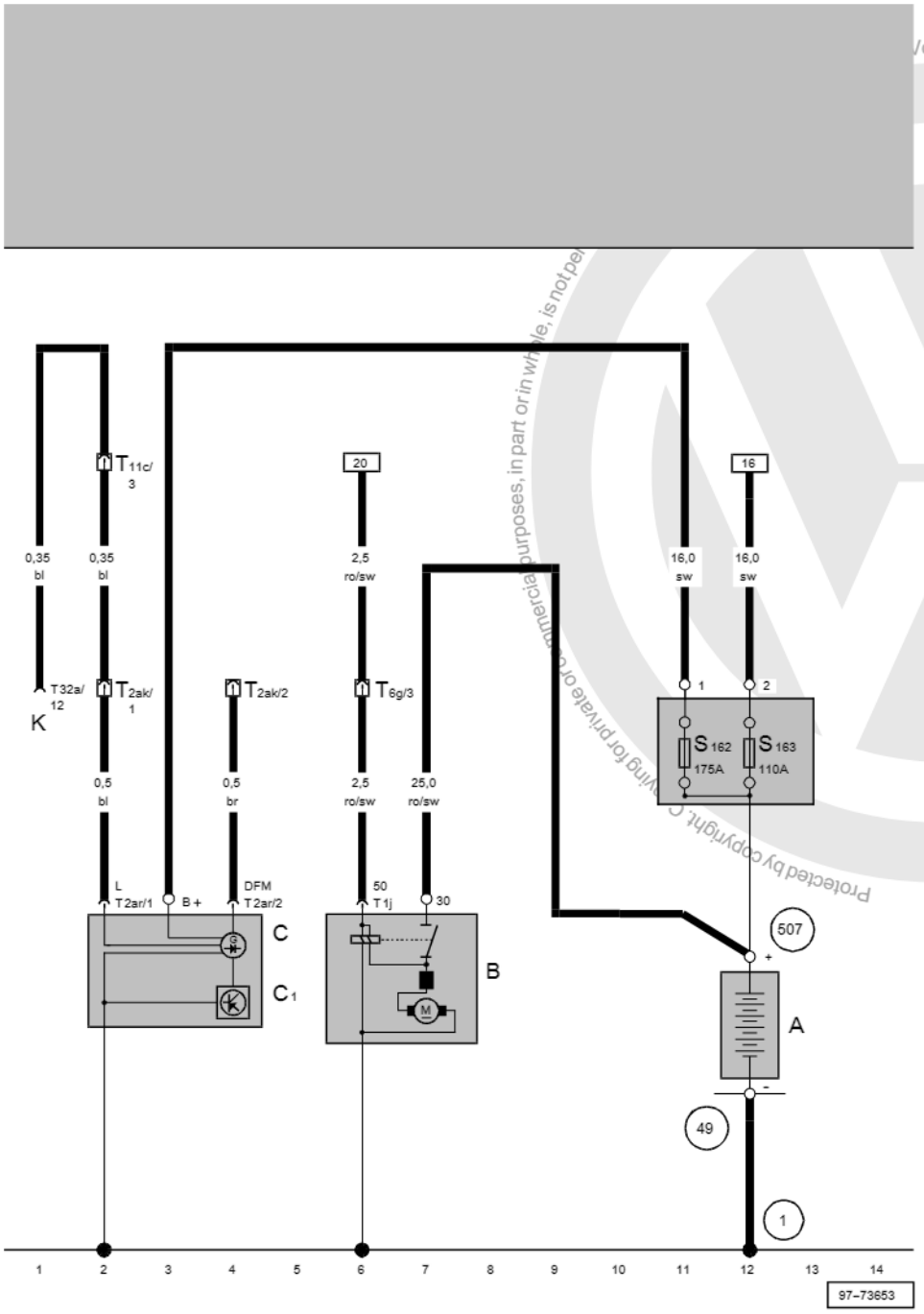
Relay locations on relay plate:



Note:

- *The number in brackets denotes the control number on relay.*

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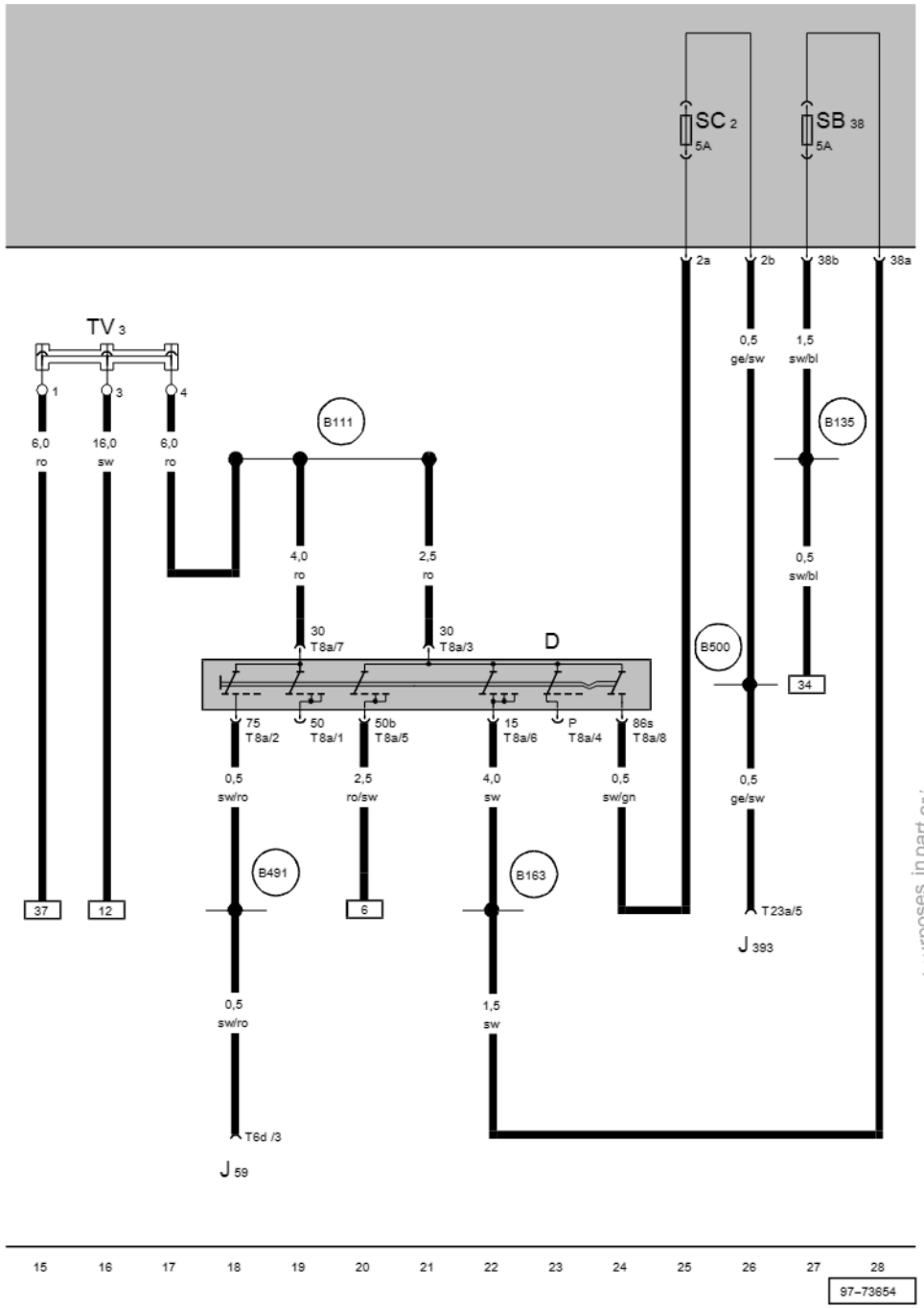


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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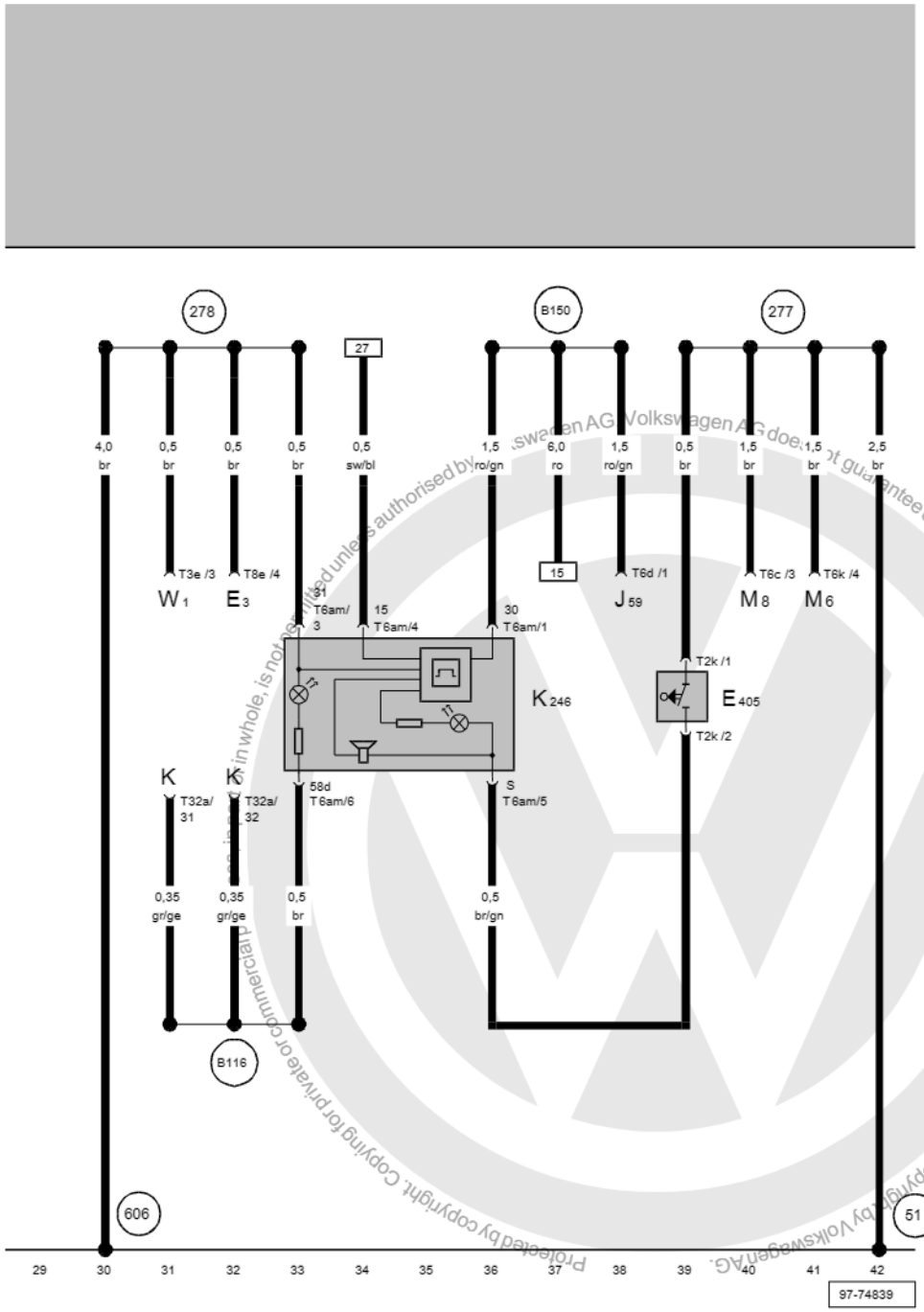


Ignition/starter switch, terminal 30a wiring junction

D	Ignition/starter switch
J59	X-contact relief relay
J393	Convenience system central control unit
SB38	Fuse 38 on fuse holder B
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
T23a	23-pin connector, on convenience system central control unit
TV3	Terminal 30a wiring junction
B111	Positive connection 1 (30a), in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Cruise control system switch, spare wheel release warning light

E3	Hazard warning light switch
E405	Cruise control system switch
J59	X-contact relief relay
K	Dash panel insert
K246	Spare wheel release warning light
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
T2k	2-pin connector, on cruise control system switch
T3e	3-pin connector, on front interior light
T6am	6-pin connector, on spare wheel release warning light
T6c	6-pin connector, on the rear right turn signal bulb
T6d	6-pin connector, on X-contact relief relay
T6k	6-pin connector, on the rear right turn signal bulb
T8e	8-connector, on hazard warning light switch
T32a	32-pin connector, on dash panel insert
W1	Front interior light
51	Earth point, in luggage compartment
277	Earth connection 3, in interior wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near selector lever
B116	Connection (58d), in interior wiring harness
B150	Positive connection 2 (30a), in interior wiring harness

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Light switch with daytime running lights (Europa)

from November 2004 up to November 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

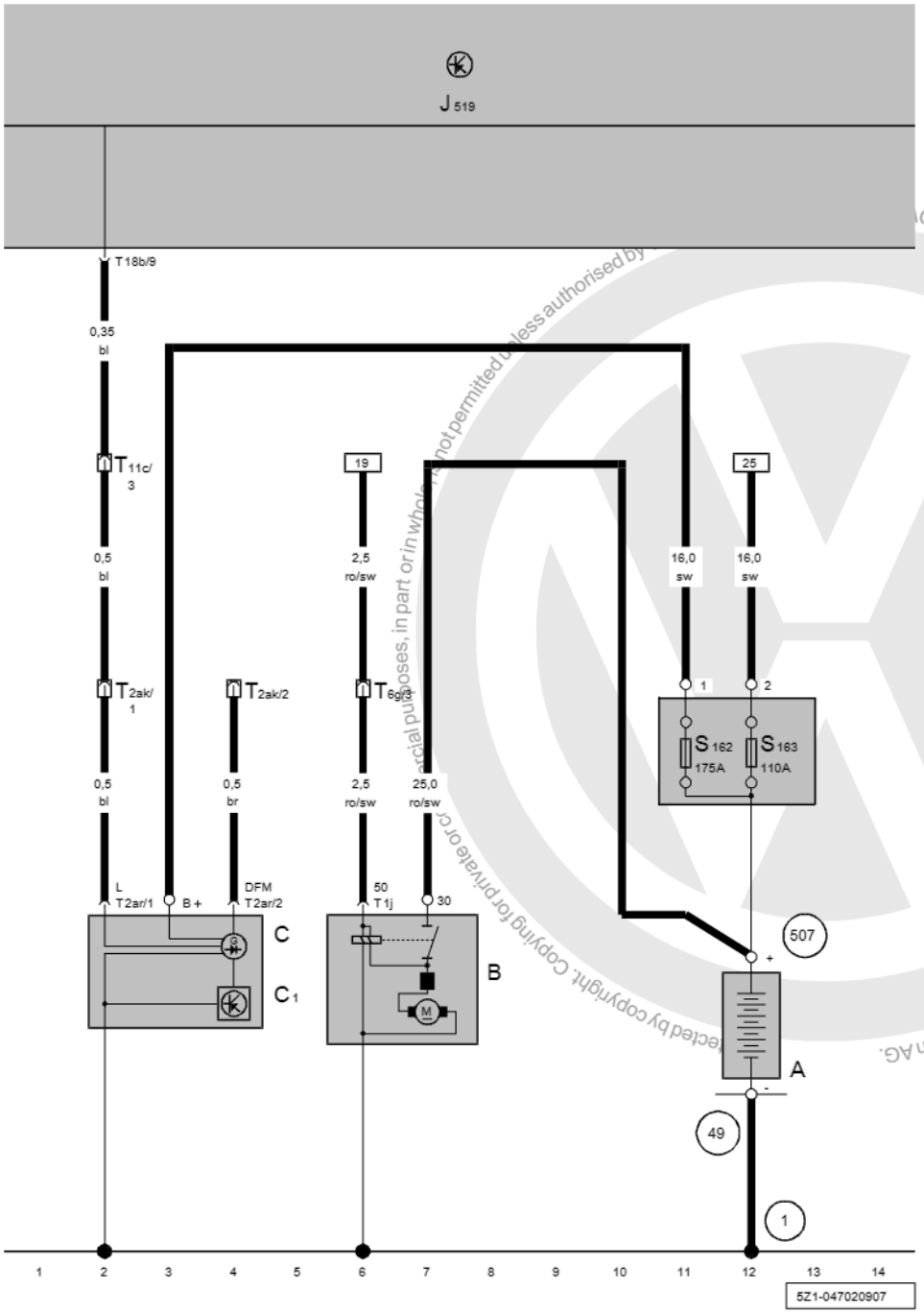
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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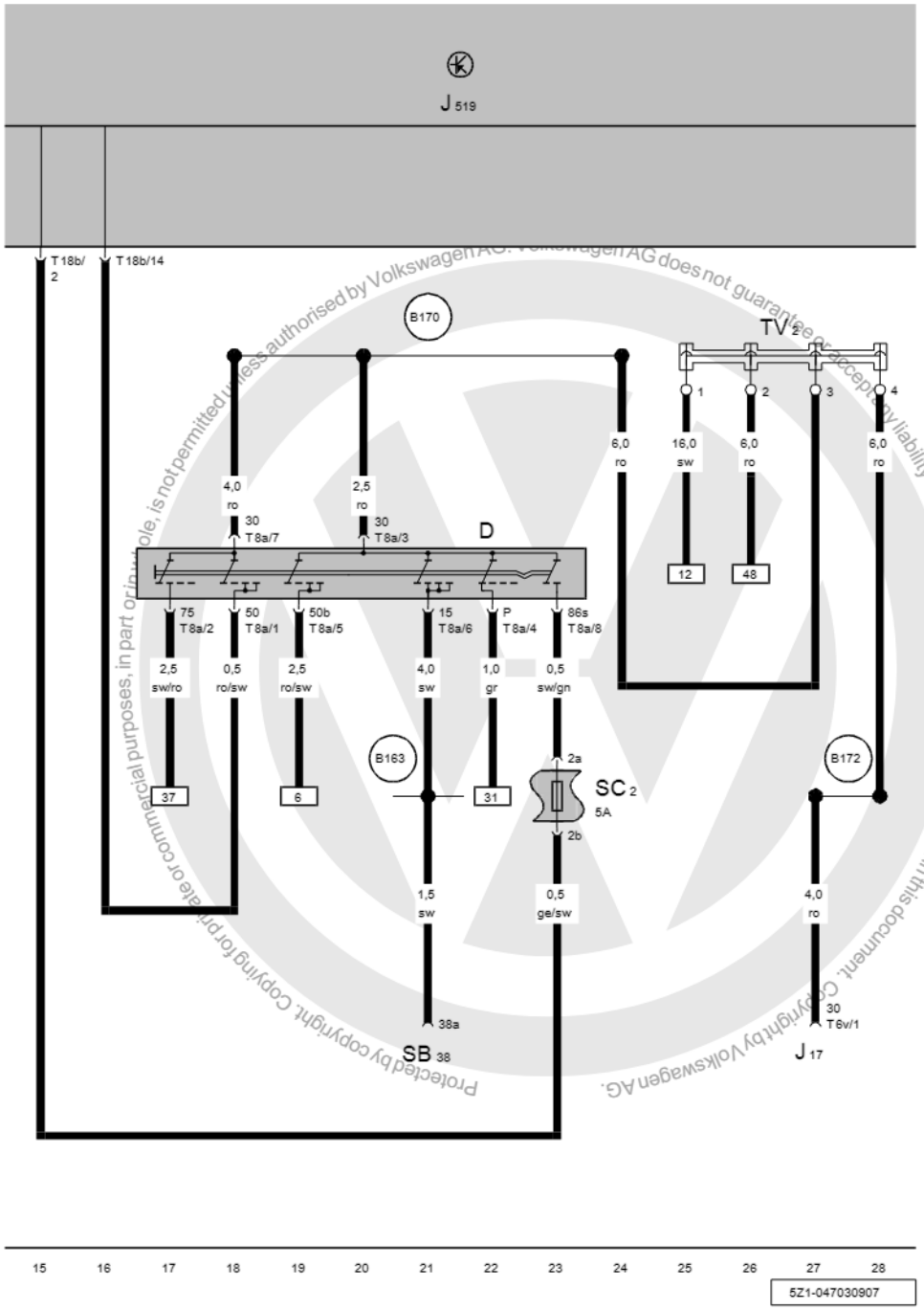


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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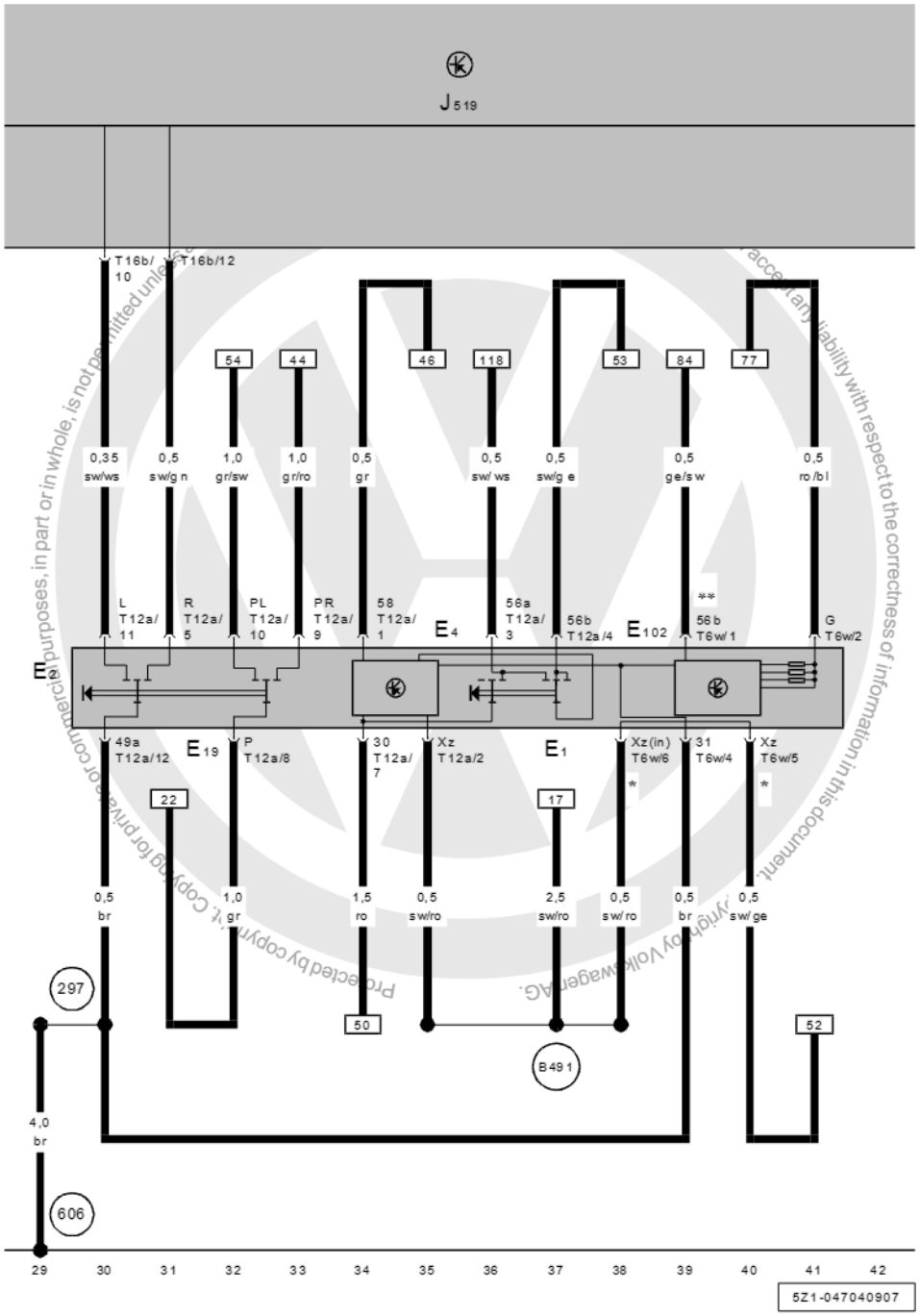


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Ignition/starter switch, fuel pump relay, onboard supply control unit, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J519	Onboard supply control unit
SB38	Fuse 38 on fuse holder B
SC2	Fuse 2 on fuse holder C
T6v	6-pin connector, on fuel pump relay
T8a	8-connector, on ignition/starter switch
T18b	18-pin connector, on onboard supply control unit
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

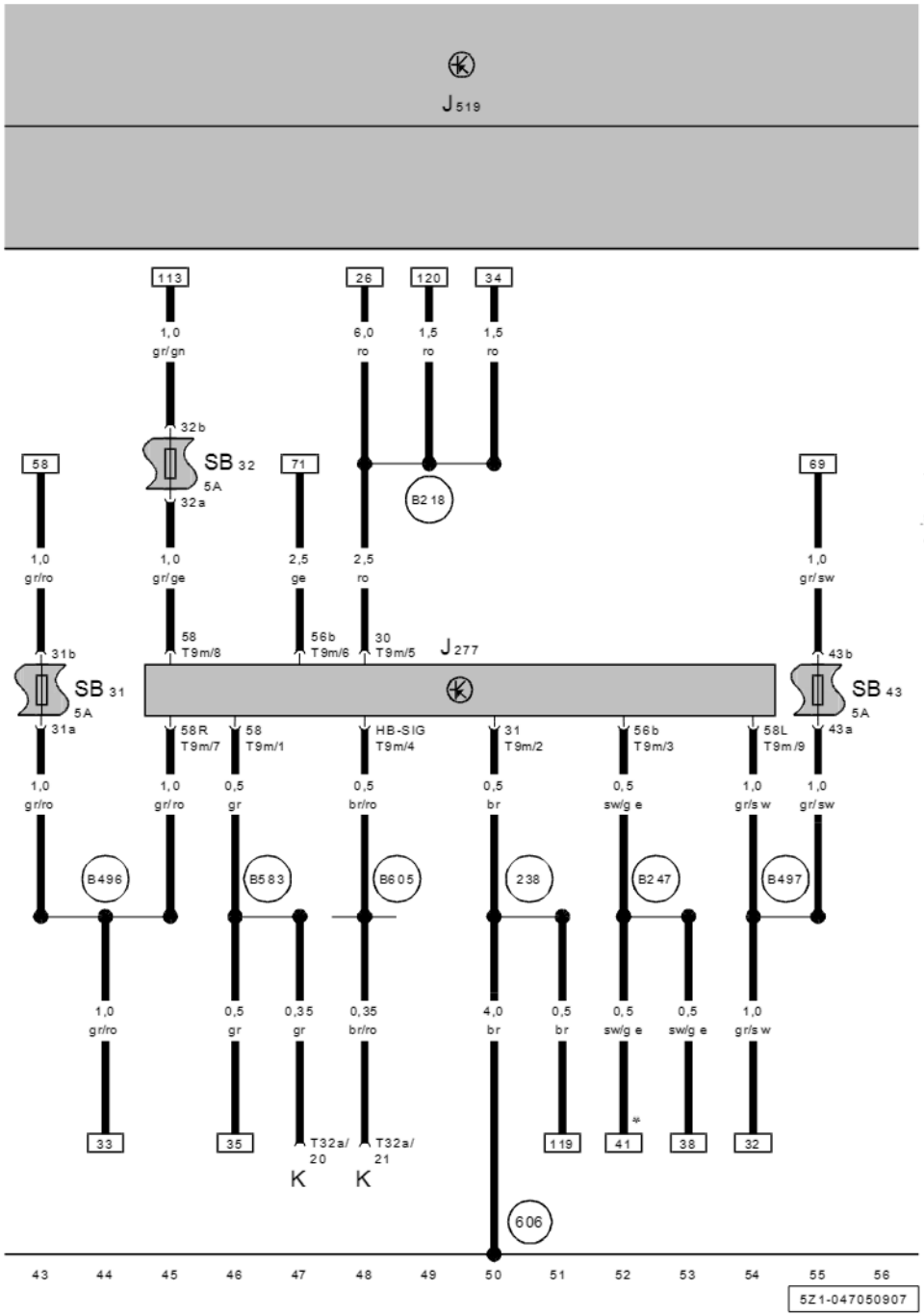


Light switch, turn signal switch, parking light switch, headlight range control regulator

E1	Light switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
E102	Headlight range control regulator
J519	Onboard supply control unit
T6w	6-pin connector, on headlight range control regulator
T12a	12-pin connector, on light switch
T16b	16-pin connector, on onboard supply control unit
297	Earth connection 12, in interior wiring harness
606	Earth point, under the centre console near selector lever
B491	Positive connection (75), in interior wiring harness
*	for models with day driving light only
**	for models with parking light only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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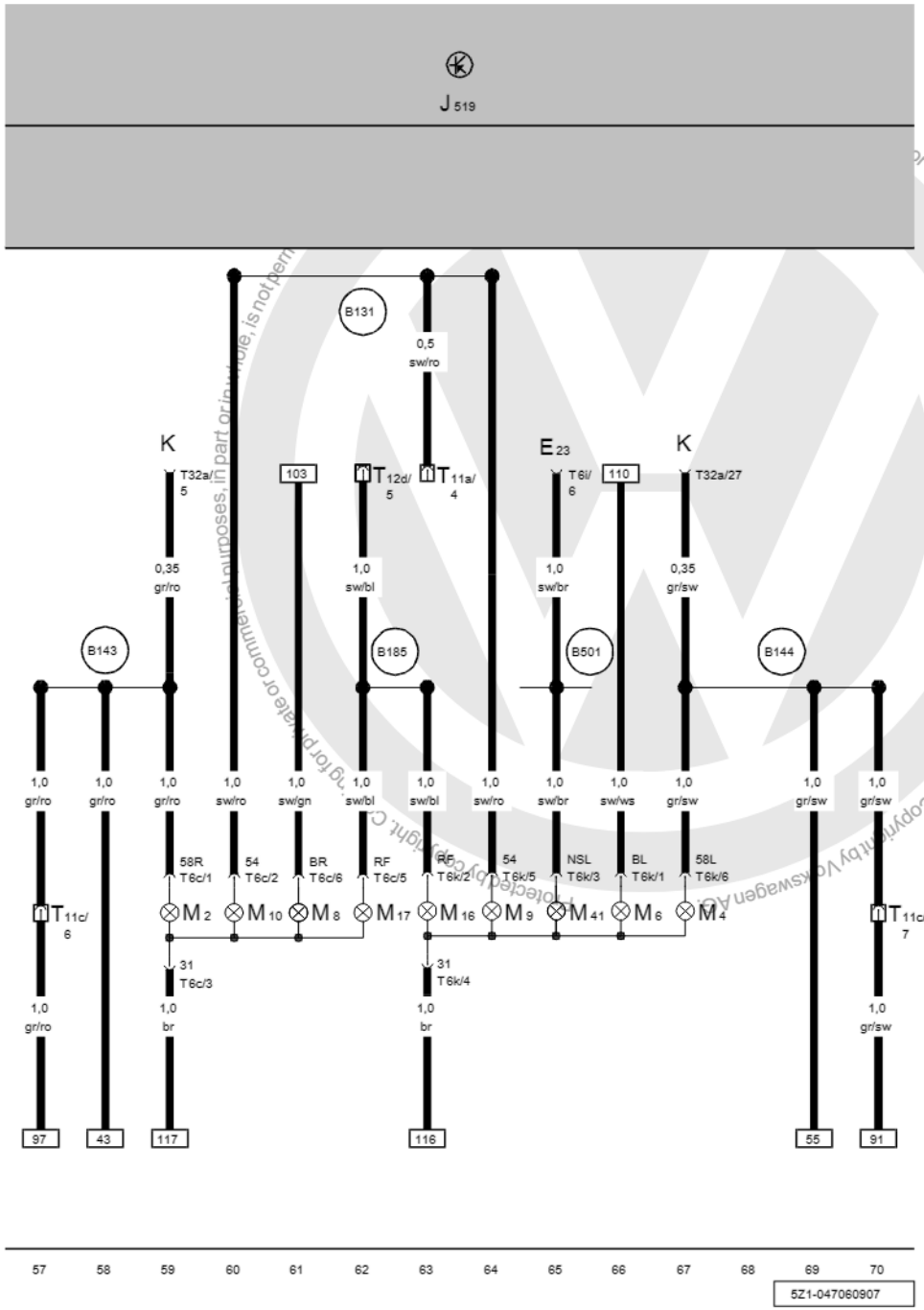


Onboard supply control unit, daytime running lights relay, side and tail lights

J519	Onboard supply control unit
J277	Daytime running lights relay, side and tail lights
K	Dash panel insert
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB43	Fuse 43 on fuse holder B
T9m	9-pin connector, on daytime running lights relay, side and tail lights
T32a	32-pin connector, on dash panel insert
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B218	Positive connection 6 (30), in interior wiring harness
B247	Connection 2 (56b), in interior wiring harness
B496	Positive connection 4 (58R), in interior wiring harness
B497	Positive connection 2 (58L), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B605	Connection 1, in interior wiring harness
*	for models with day driving light only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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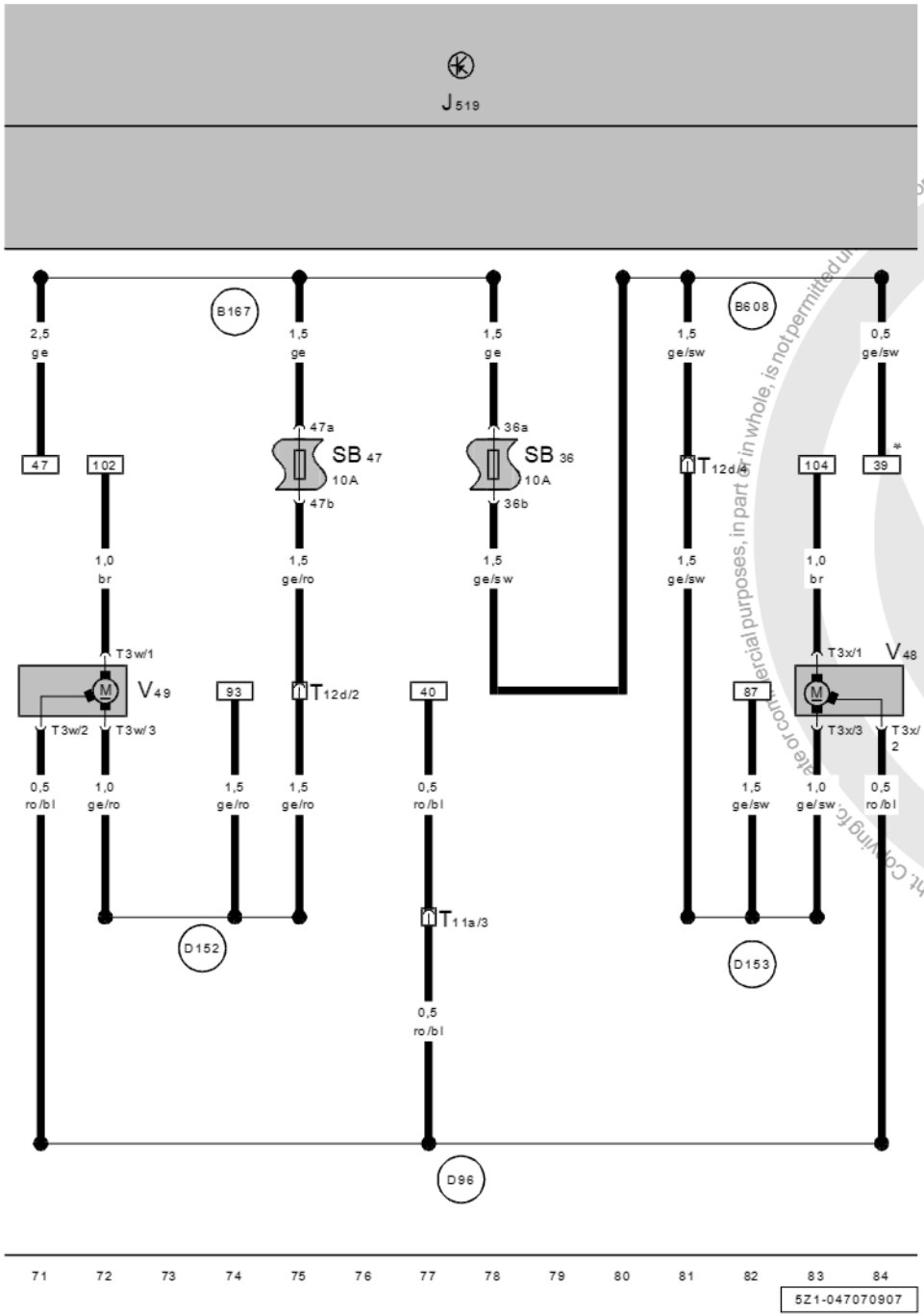


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Right tail light bulb, left tail light bulb, rear left turn signal bulb, rear right turn signal bulb, left brake light bulb

E23	Front and rear fog light switch
J519	Onboard supply control unit
K	Dash panel insert
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M41	Left tail light and rear fog light bulb
T6c	6-pin connector, on the rear right turn signal bulb
T6i	6-pin connector, on front and rear fog light switch
T6k	6-pin connector, on the rear left turn signal bulb
T11a	11-pin connector, red, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
T32a	32-pin connector, on dash panel insert
B131	Connection (54), in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B185	Connection 2 (54), in interior wiring harness
B501	Positive connection (83b), in interior wiring harness

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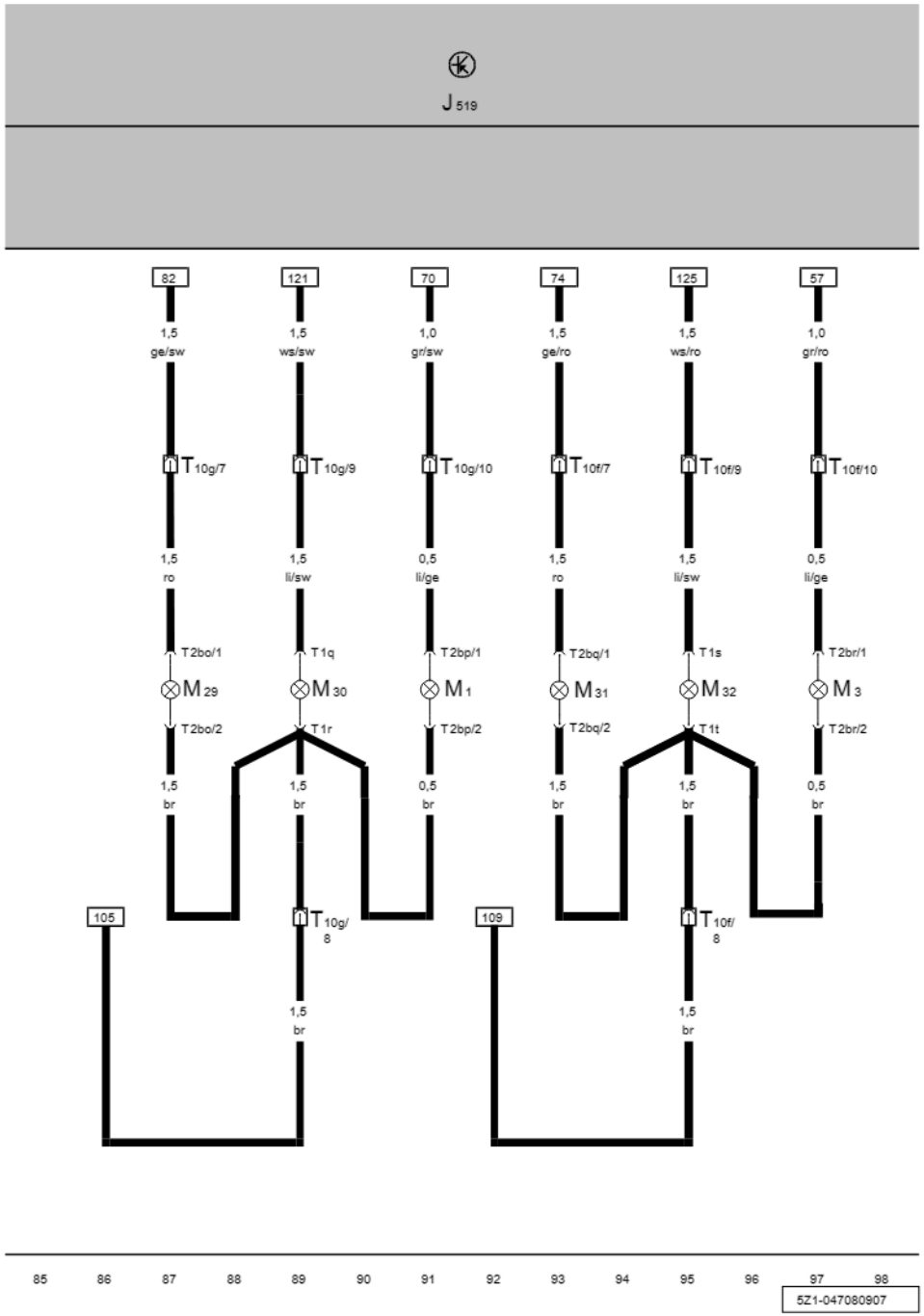


Onboard supply control unit, left headlight range control motor, right headlight range control motor

J519	Onboard supply control unit
SB36	Fuse 36 on fuse holder B
SB47	Fuse 47 on fuse holder B
T3w	3-pin connector, on right headlight range control motor
T3x	3-pin connector, on left headlight range control motor
T11a	11-pin connector, red, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
V48	Left headlight range control motor
V49	Right headlight range control motor
B167	Connection (56b), in interior wiring harness
B608	Connection 4, in interior wiring harness
D96	Connection (headlight range control), in engine compartment wiring harness
D152	Positive connection 1 (56b), in engine compartment wiring harness
D153	Positive connection 2 (56b), in engine compartment wiring harness
*	for models with parking light only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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rs	=	pink

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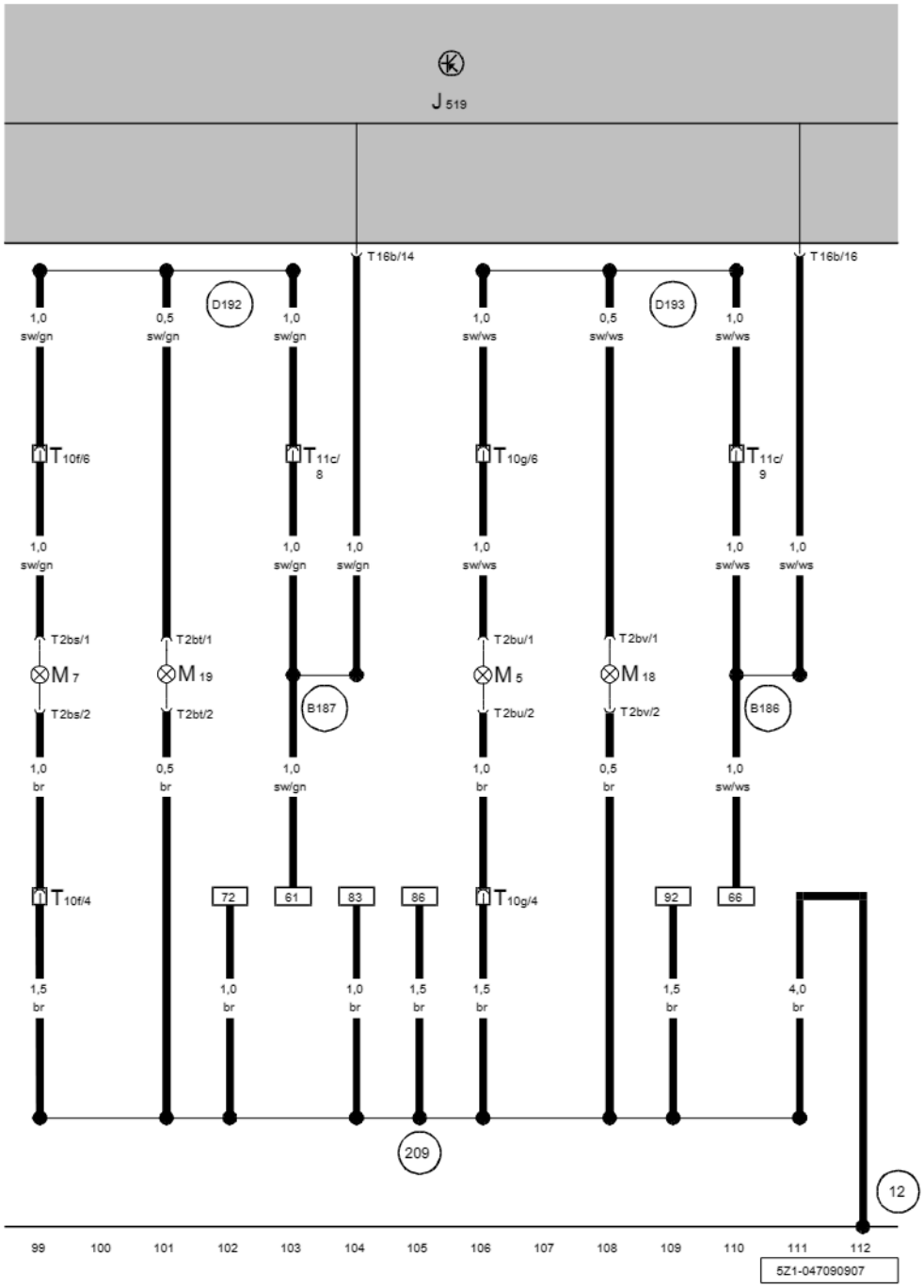


Onboard supply control unit, front left side marker bulb, front right side marker bulb, left dipped beam bulb, left main beam bulb, right dipped beam bulb, right headlight main beam bulb

J519	Onboard supply control unit
M1	Front left side marker bulb
M3	Front right side marker bulb
M29	Left dipped beam bulb
M30	Left main beam bulb
M31	Right dipped beam bulb
M32	Right main beam bulb
T1q	Single pin connector, on left main beam bulb
T1r	Single pin connector, on left main beam bulb
T1s	Single pin connector, on right main beam bulb
T1t	Single pin connector, on right main beam bulb
T2bo	2-pin connector, on left headlight dipped beam bulb
T2bp	2-pin connector, on the front left side marker bulb
T2bq	2-pin connector, on right headlight dipped beam bulb
T2br	2-pin connector, on the front right side marker bulb
T10f	10-pin connector, in engine compartment, front right
T10g	10-pin connector, in front left engine compartment

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

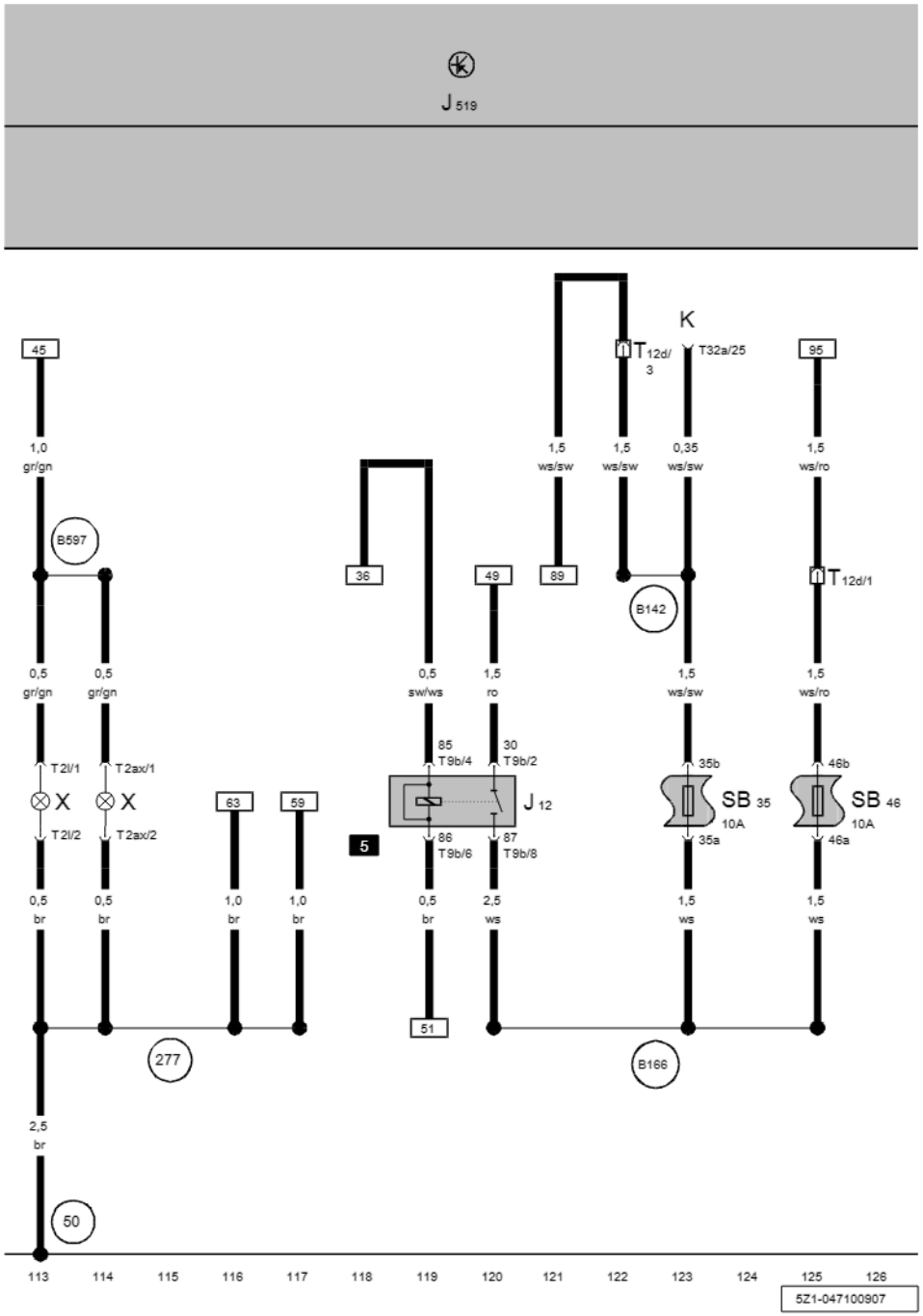


Onboard supply control unit, front left turn signal bulb, front right turn signal bulb, left side mounted turn signal bulb, right side mounted turn signal bulb

J519	Onboard supply control unit
M5	Front left turn signal bulb
M7	Front right turn signal bulb
M18	Left side mounted turn signal bulb
M19	Right side mounted turn signal bulb
T2bs	2-pin connector, on the front right turn signal bulb
T2bt	2-pin connector, on right side repeater turn signal bulb
T2bu	2-pin connector, on the front left turn signal bulb
T2bv	2-pin connector, on left side repeater turn signal bulb
T10f	10-pin connector, in engine compartment, front right
T10g	10-pin connector, in front left engine compartment
T11c	11-pin connector, green, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
12	Earth point, on left in engine compartment
209	Earth connection 6, in engine compartment wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
D192	Connection 1 (RTS), in engine compartment wiring harness
D193	Connection 1 (LTS), in engine compartment wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Headlight main beam relay, onboard supply control unit, number plate light

J12	Headlight main beam relay
J519	Onboard supply control unit
K	Dash panel insert
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T2l	2-pin connector, on number plate light
T2ax	2-pin connector, on number plate light
T9b	9-pin connector, on headlight main beam relay
T12d	12-pin connector, white, in left engine compartment
T32a	32-pin connector, on dash panel insert
X	Number plate light
50	Earth points, on left in luggage compartment
277	Earth connection 3, in interior wiring harness
B142	Positive connection 2 (56a), in interior wiring harness
B166	Connection (56a), in interior wiring harness
B597	Positive connection 1 (58a), in interior wiring harness

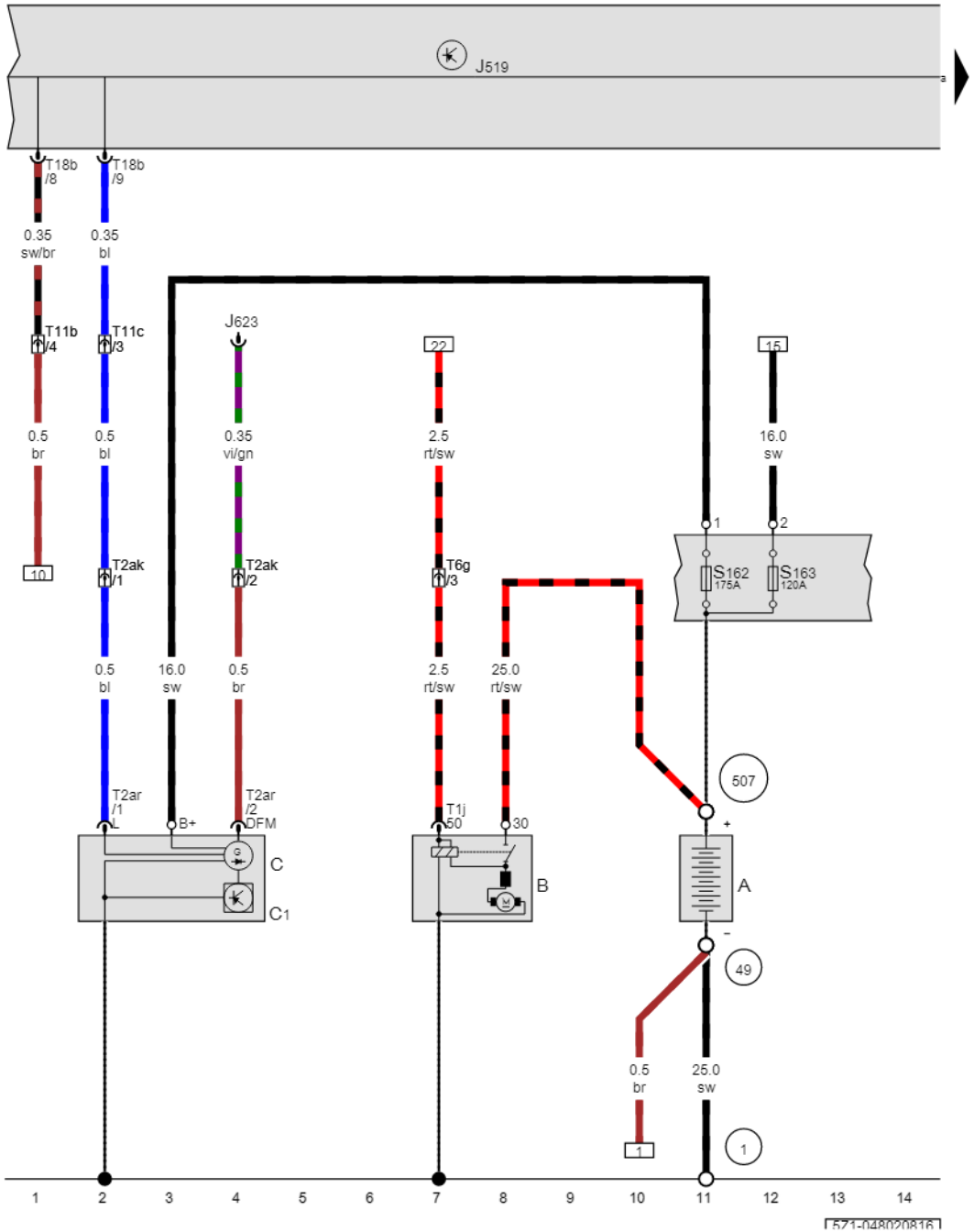
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Sliding sunroof , (F6G)

From August 2005

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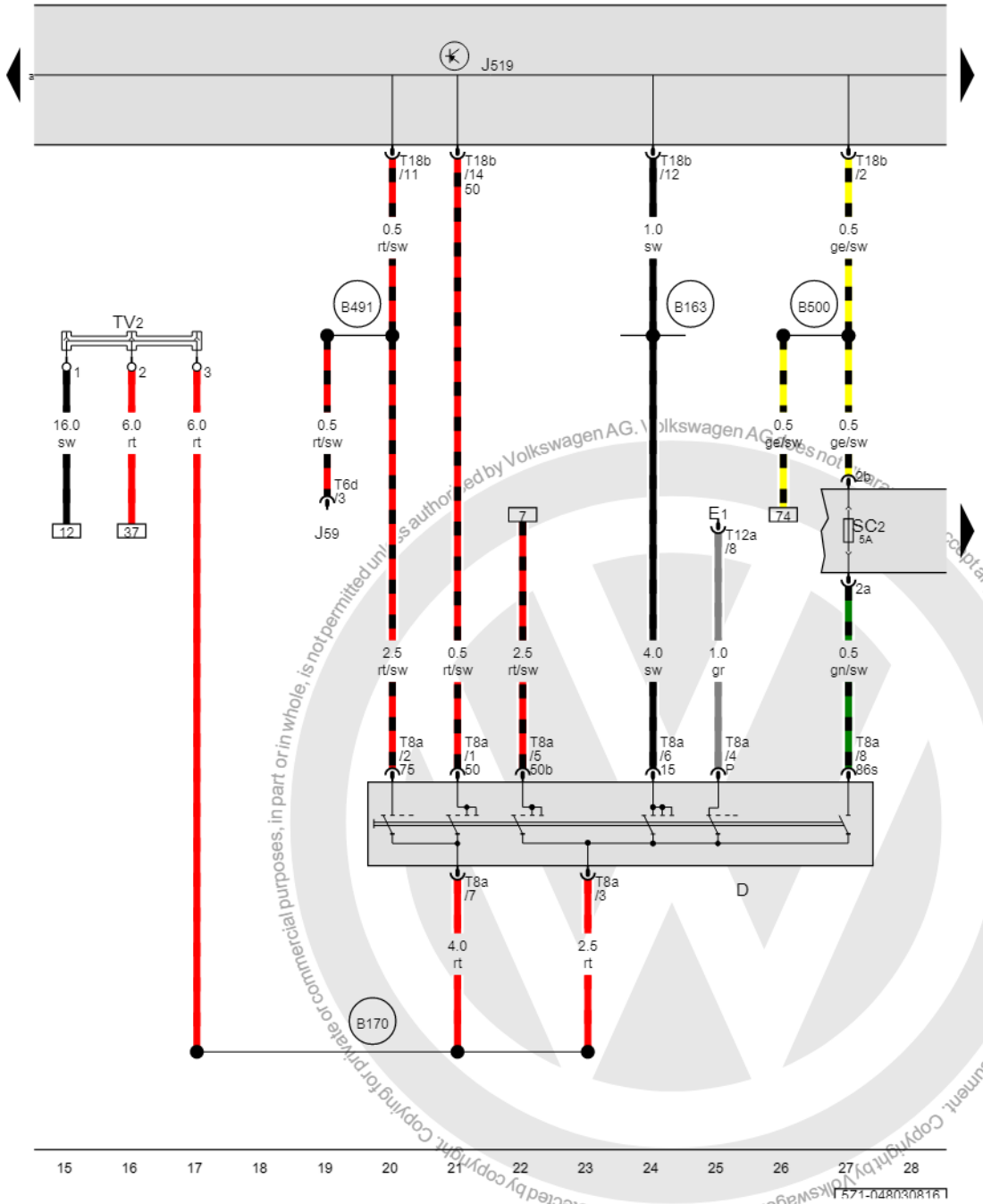


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, on left in engine compartment
T2ar	2-pin connector
T2bn	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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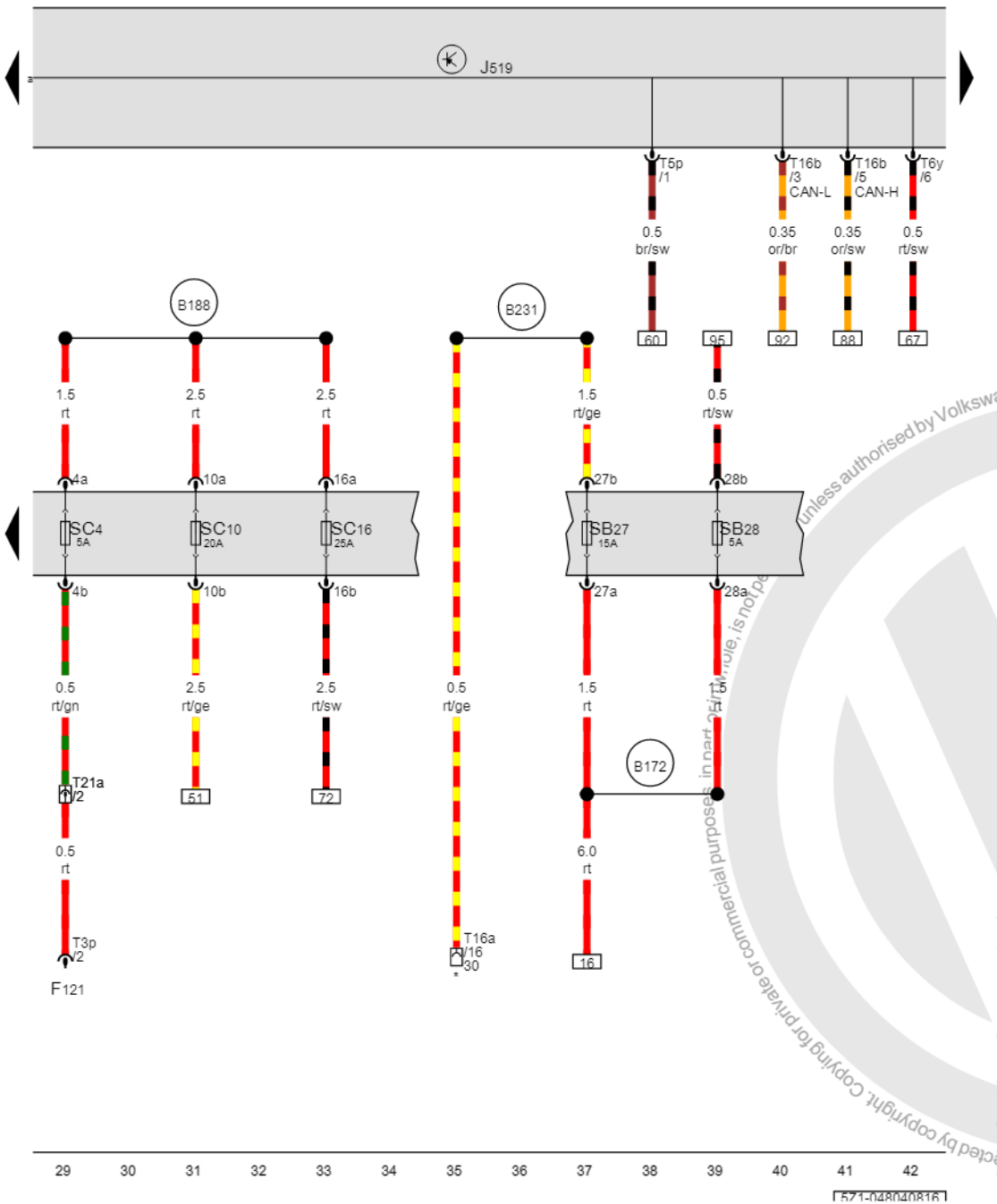


Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector
T8a	8-pin connector
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
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rt	=	red
br	=	brown
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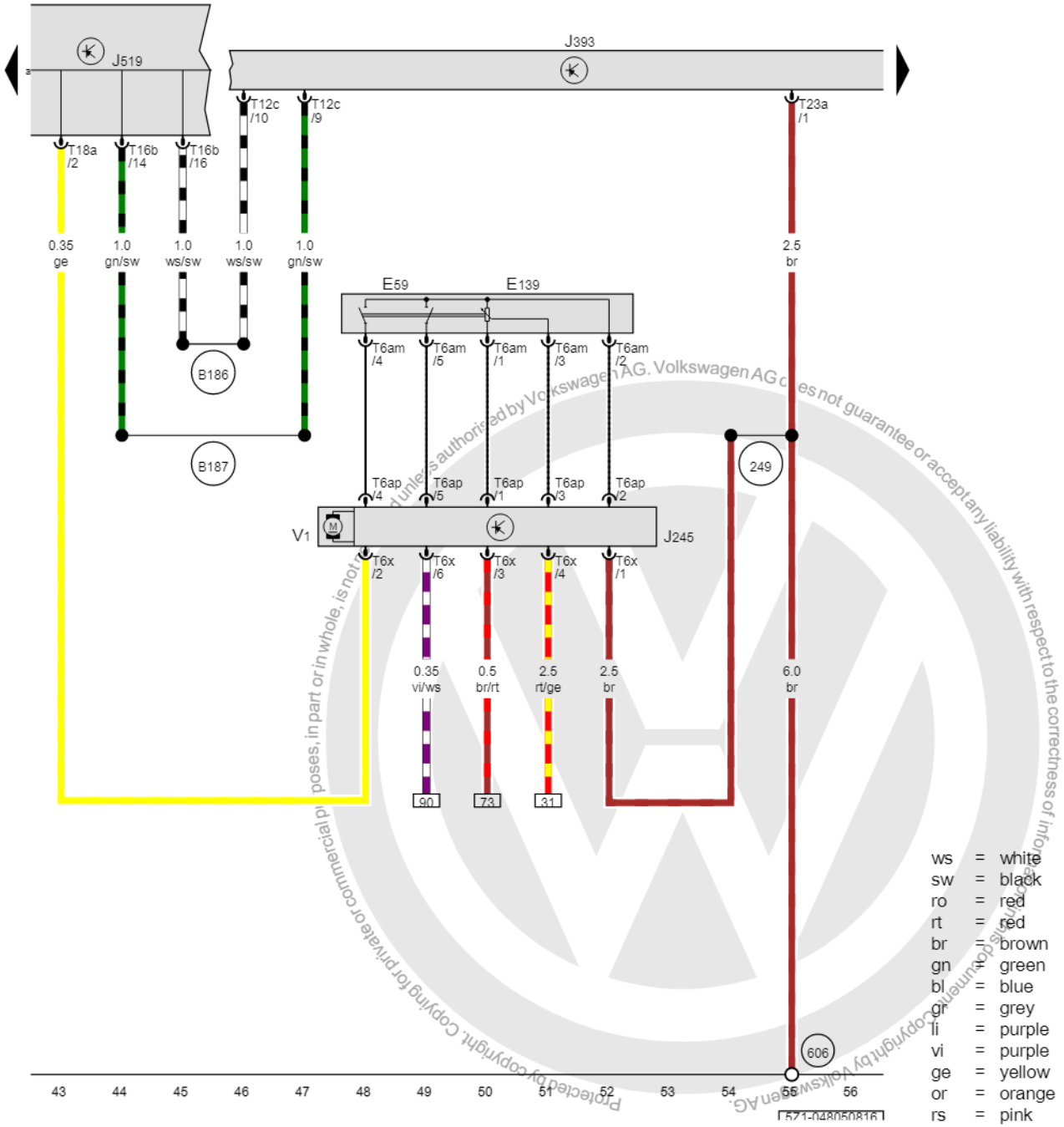


Onboard supply control unit

F121	Driver door exterior handle switch for anti-theft alarm system
J519	Onboard supply control unit
SC4	Fuse 4 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
T3p	3-pin connector
T5p	5-pin connector
T6y	6-pin connector
T16a	16-pin connector
T16b	16-pin connector
T21a	21-pin connector, in driver door
B172	Positive connection 4 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B231	Positive connection 5 (30a), in interior wiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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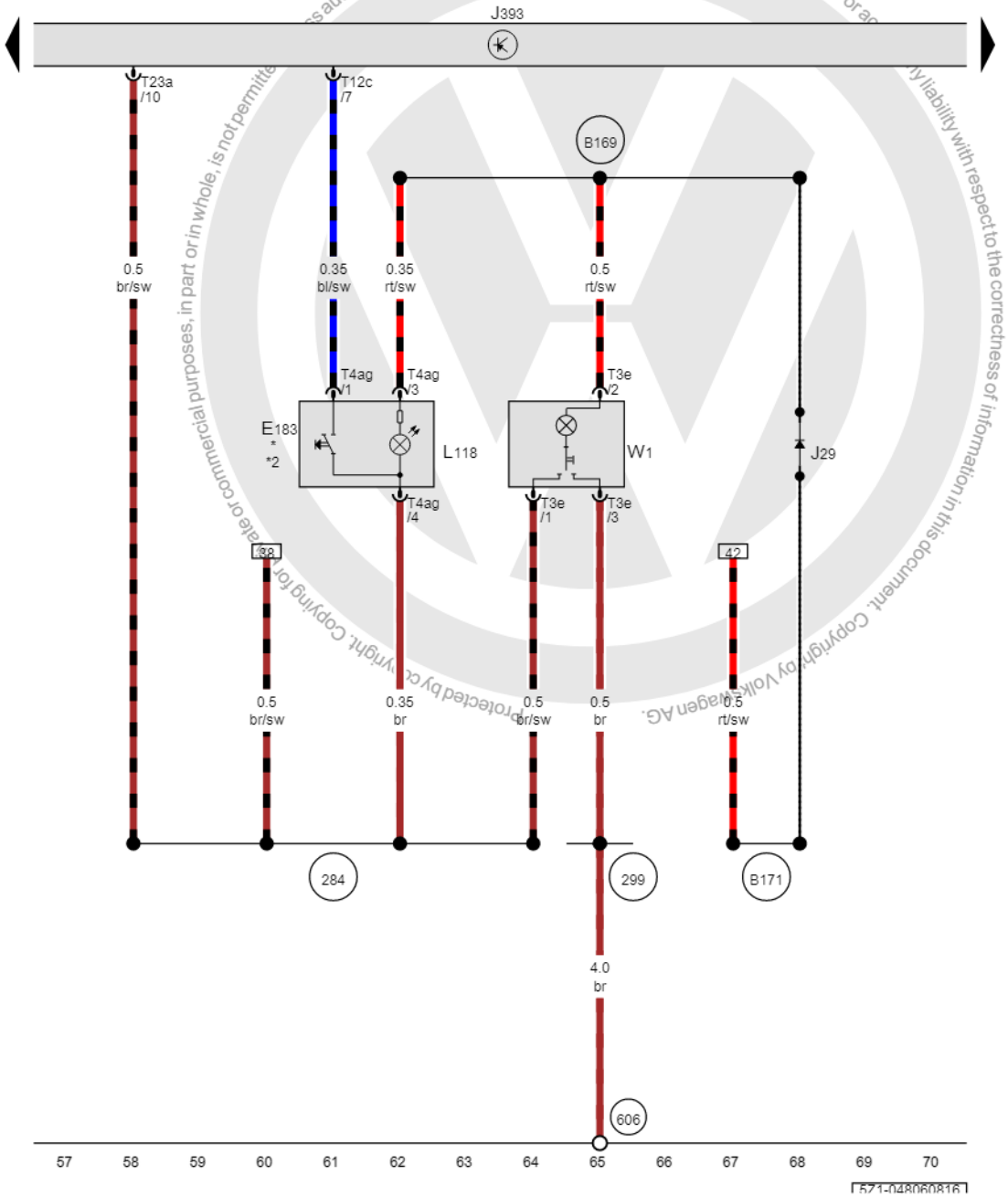


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Sliding sunroof lift/lower switch, Sliding sunroof adjustment regulator, Sliding sunroof adjustment control unit, Convenience system central control unit, Onboard supply control unit, Sliding sunroof motor

E59	Sliding sunroof lift/lower switch
E139	Sliding sunroof adjustment regulator
J245	Sliding sunroof adjustment control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
T6am	6-pin connector
T6ap	6-pin connector
T6x	6-pin connector
T12c	12-pin connector
T16b	16-pin connector
T18a	18-pin connector
T23a	23-pin connector
V1	Sliding sunroof motor
249	Earth connection 2, in interior wiring harness
606	Earth point, under the centre console near gear stick
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness

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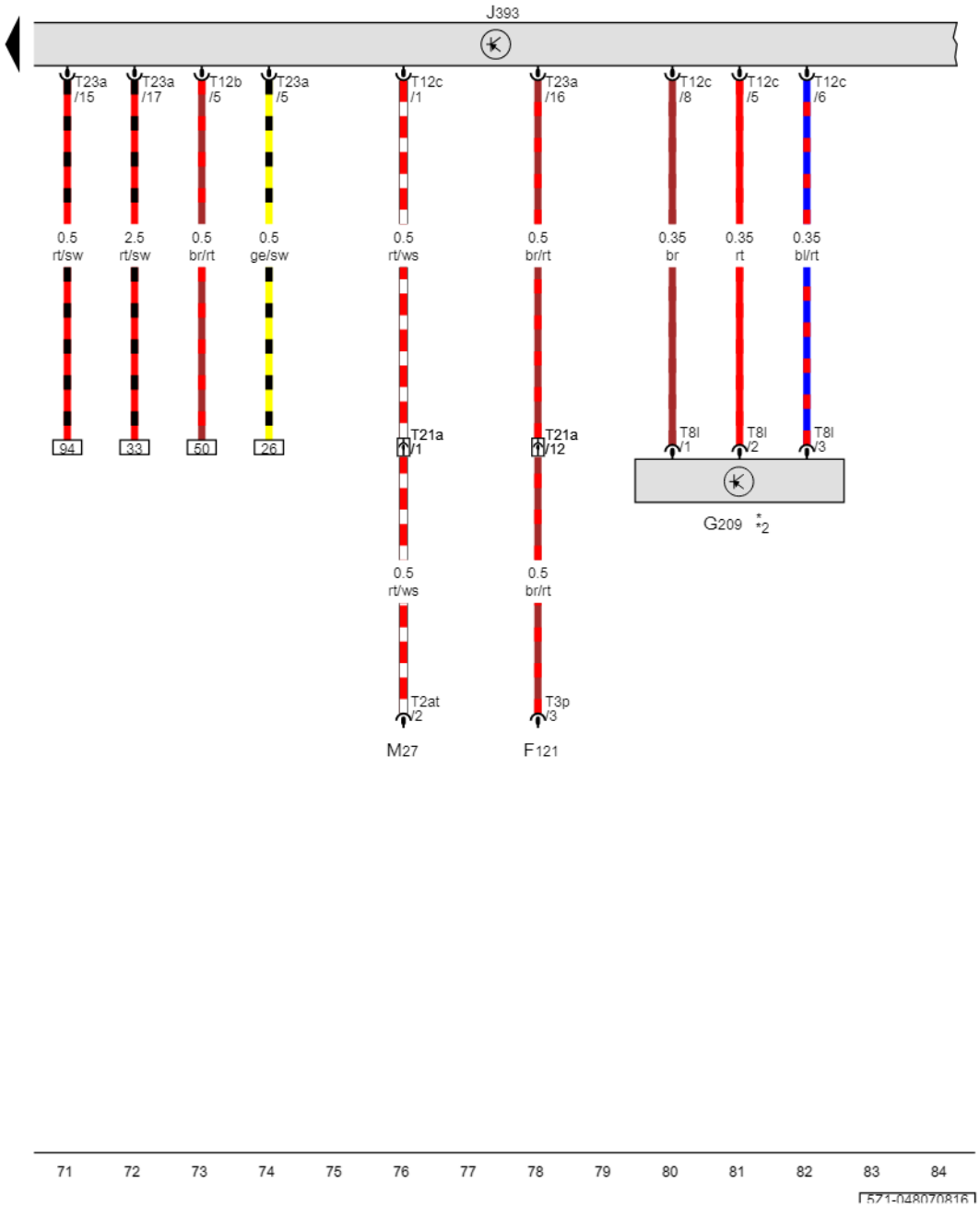


Interior monitoring switch, Blocking diode, Convenience system central control unit, Deactivation of interior monitoring system switch illumination bulb, Front interior light

E183	Interior monitoring switch
J29	Blocking diode
J393	Convenience system central control unit
L118	Deactivation of interior monitoring system switch illumination bulb
T3e	3-pin connector
T4ag	4-pin connector
T12c	12-pin connector
T23a	23-pin connector
W1	Front interior light
284	Earth connection 6, in interior wiring harness
299	Earth connection 14, in interior wiring harness
606	Earth point, under the centre console near gear stick
B169	Positive connection 1 (30), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness
*	For models with anti-theft alarm system
*2	Only models with tilting sunroof

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Anti-theft alarm ultrasonic sensor, Convenience system central control unit

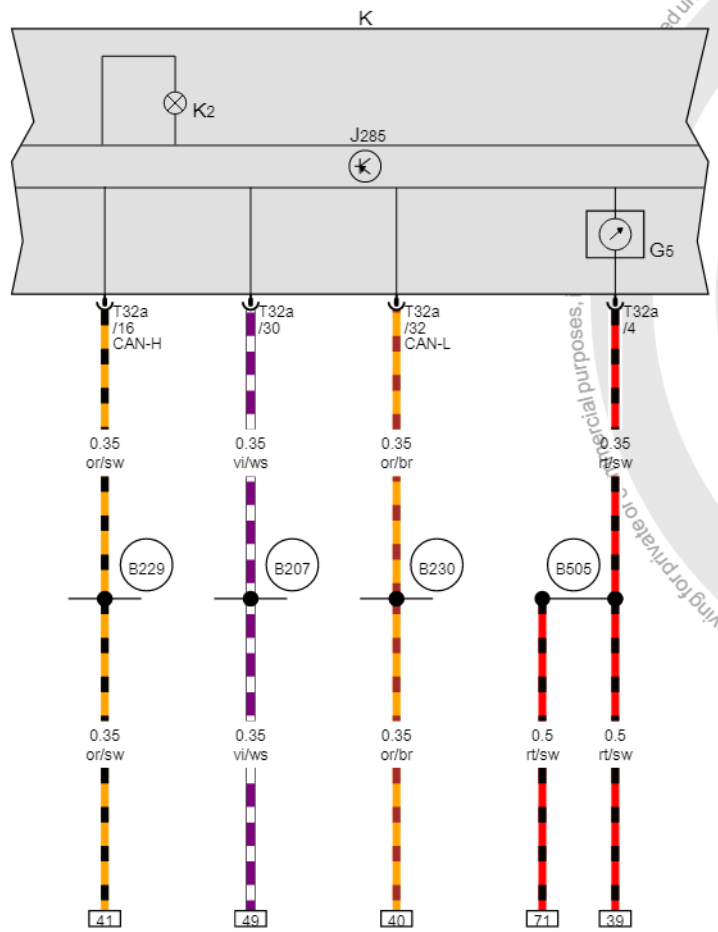
F121	Driver door exterior handle switch for anti-theft alarm system
G209	Anti-theft alarm ultrasonic sensor
J393	Convenience system central control unit
M27	Left door warning lamp
T2at	2-pin connector
T3p	3-pin connector
T8l	8-pin connector
T12b	12-pin connector
T12c	12-pin connector
T21a	21-pin connector, in driver door
T23a	23-pin connector
*	For models with anti-theft alarm system
*2	Only models with tilting sunroof

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Rev. counter, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

G5	Rev. counter
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
T32a	32-pin connector
B207	Connection (convenience), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B505	Positive connection 9 (30a), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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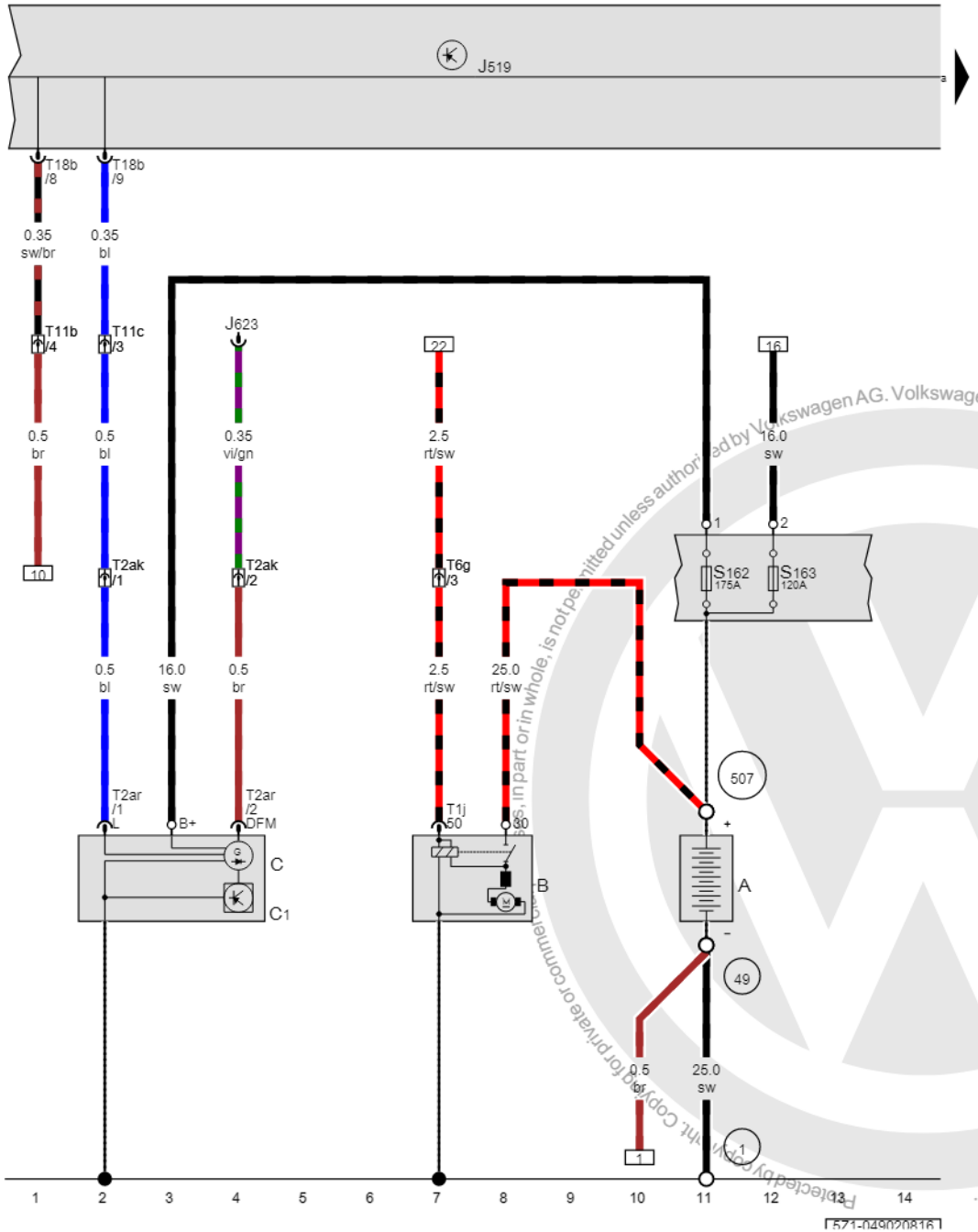
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Heated seats , (F6G)

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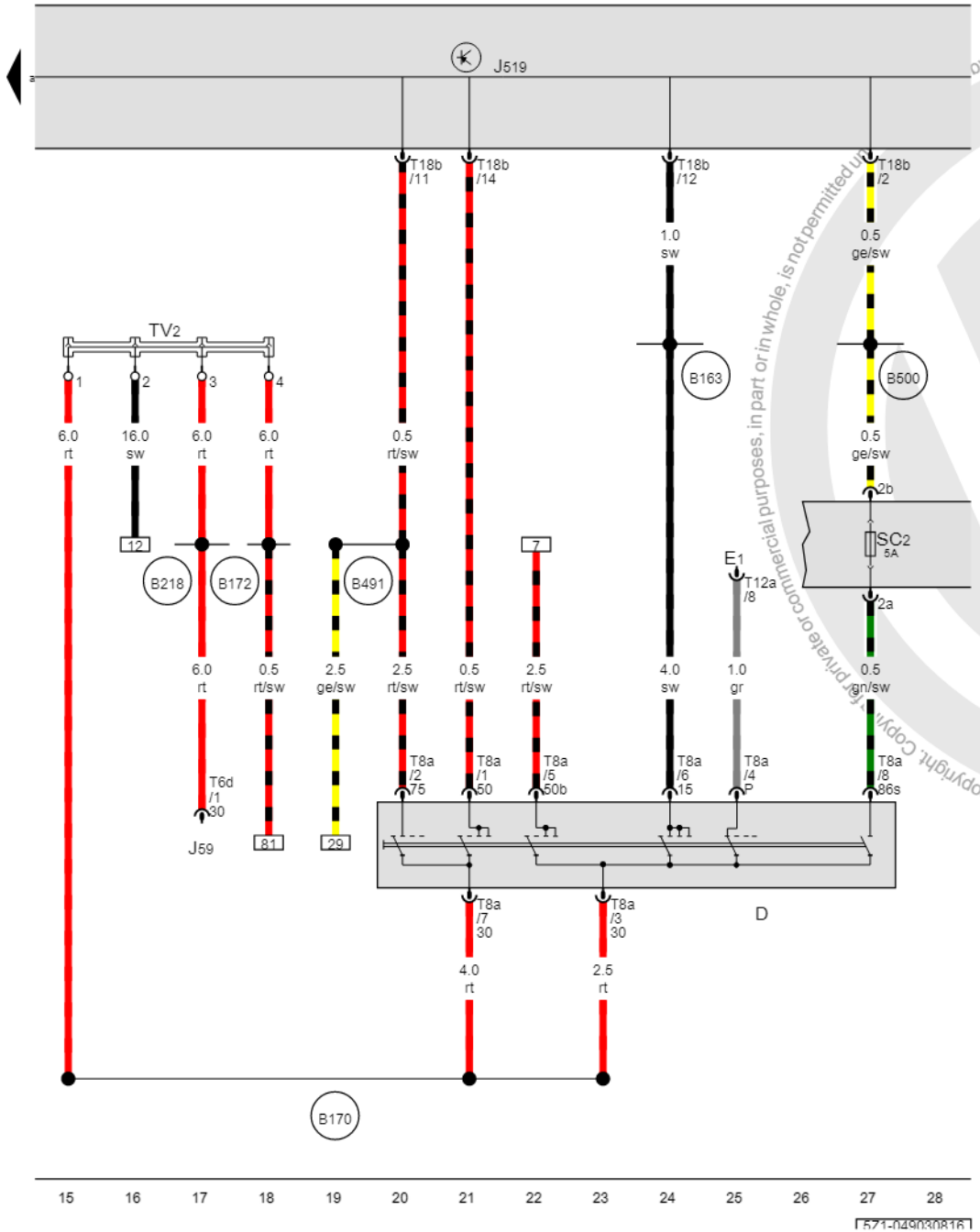


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Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, on left in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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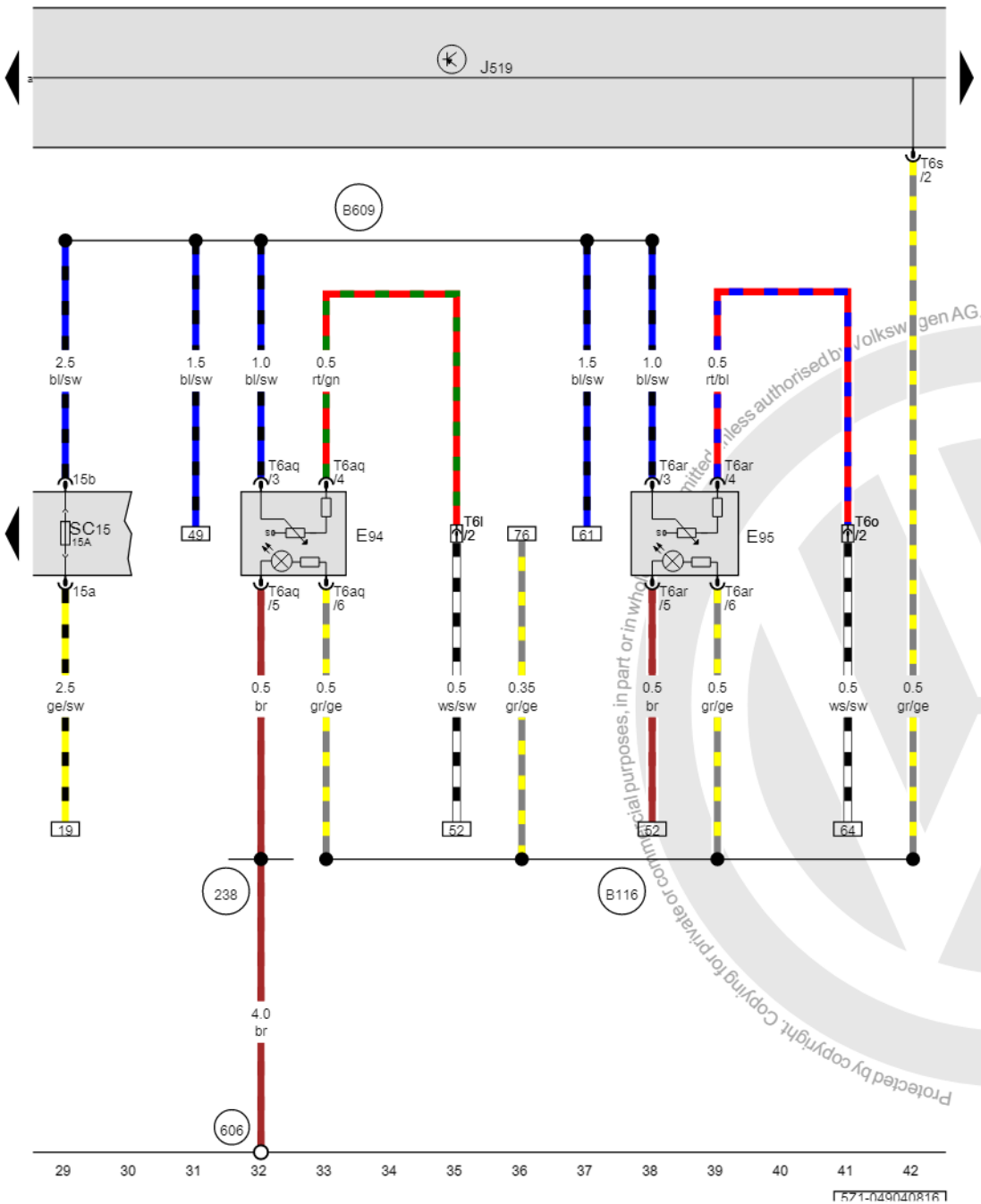


Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector
T8a	8-pin connector
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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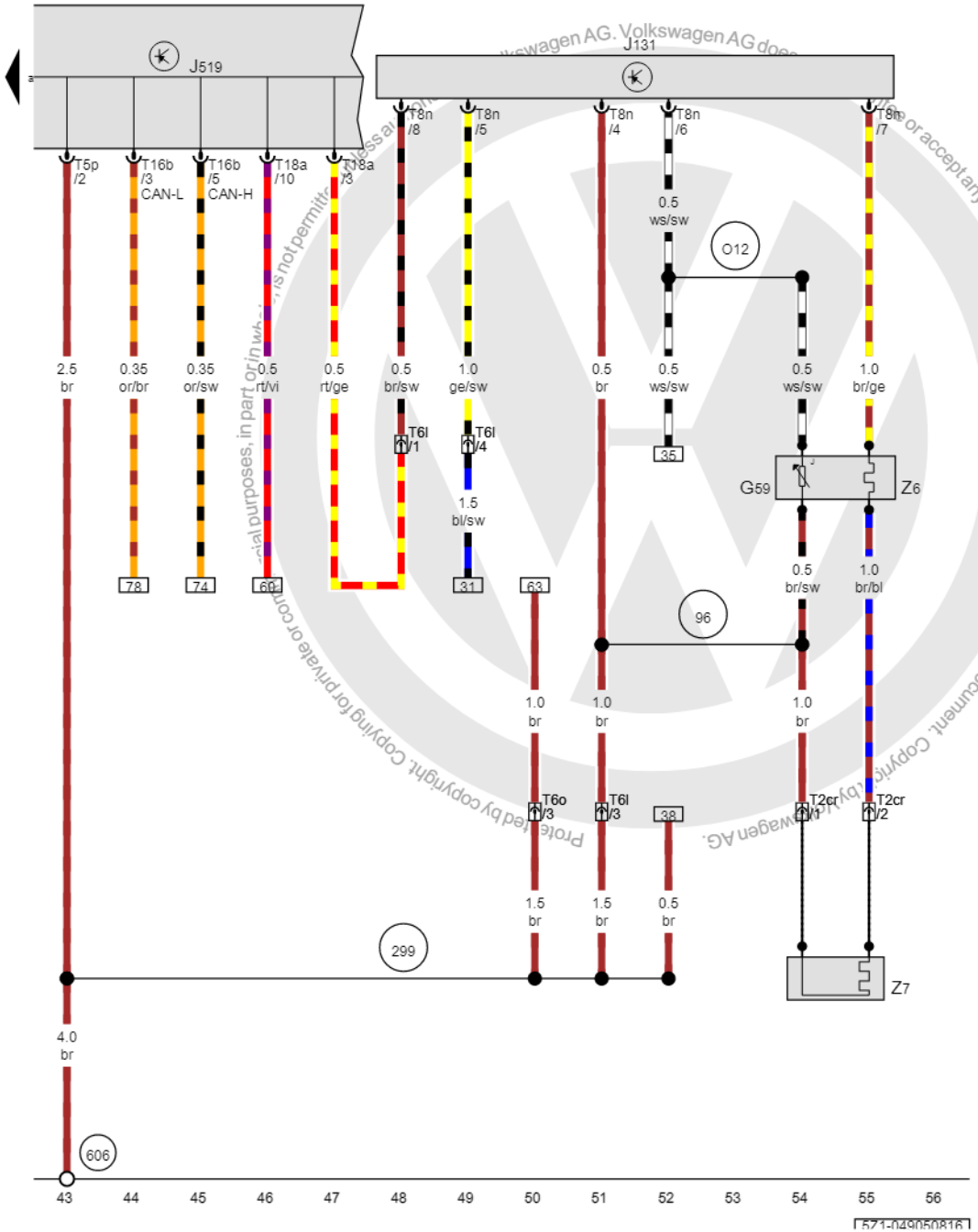


Heated driver seat regulator, Heated front passenger seat regulator, Onboard supply control unit

E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
J519	Onboard supply control unit
SC15	Fuse 15 on fuse holder C
T6aq	6-pin connector
T6ar	6-pin connector
T6l	6-pin connector, under driver seat
T6o	6-pin connector, under front passenger seat
T6s	6-pin connector
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near gear stick
B116	Connection (58d), in interior wiring harness
B609	Connection 5, in interior wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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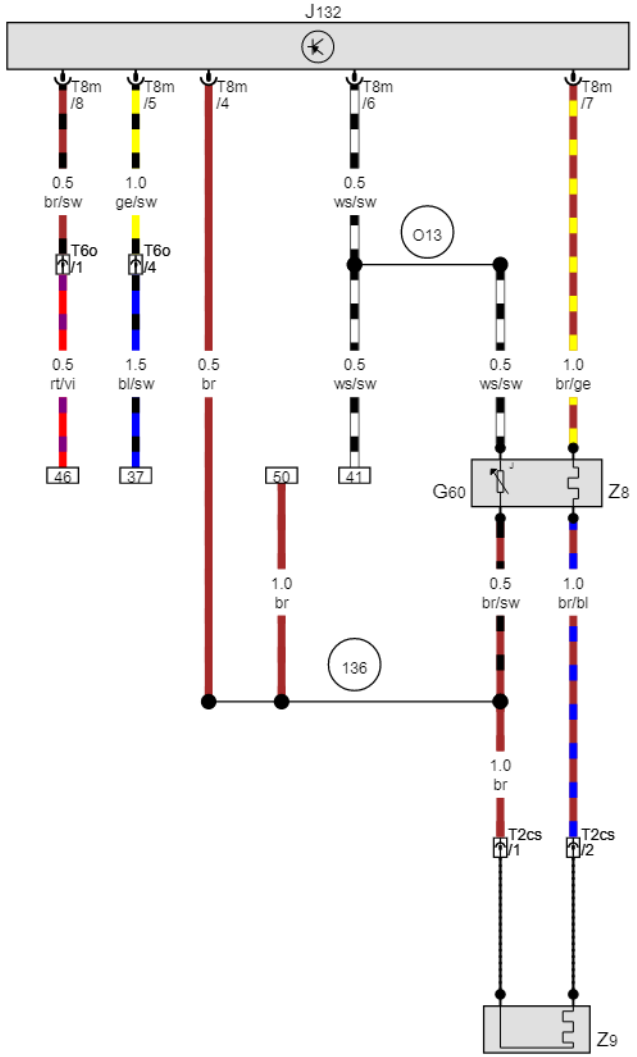


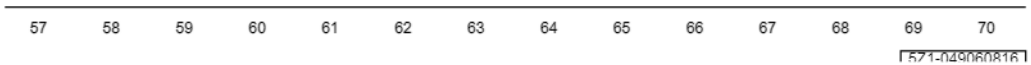
Driver seat temperature sensor, Heated driver seat control unit, Onboard supply control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

G59	Driver seat temperature sensor
J131	Heated driver seat control unit
J519	Onboard supply control unit
T2cr	2-pin connector
T5p	5-pin connector
T6l	6-pin connector, under driver seat
T6o	6-pin connector, under front passenger seat
T8n	8-pin connector
T16b	16-pin connector
T18a	18-pin connector
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat

96	Earth connection 1, in seat heating wiring harness
299	Earth connection 14, in interior wiring harness
606	Earth point, under the centre console near gear stick
O12	Connection 1, in seat heating wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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bl	=	blue
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vi	=	purple
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or	=	orange
rs	=	pink





Front passenger seat temperature sensor, Heated front passenger seat control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

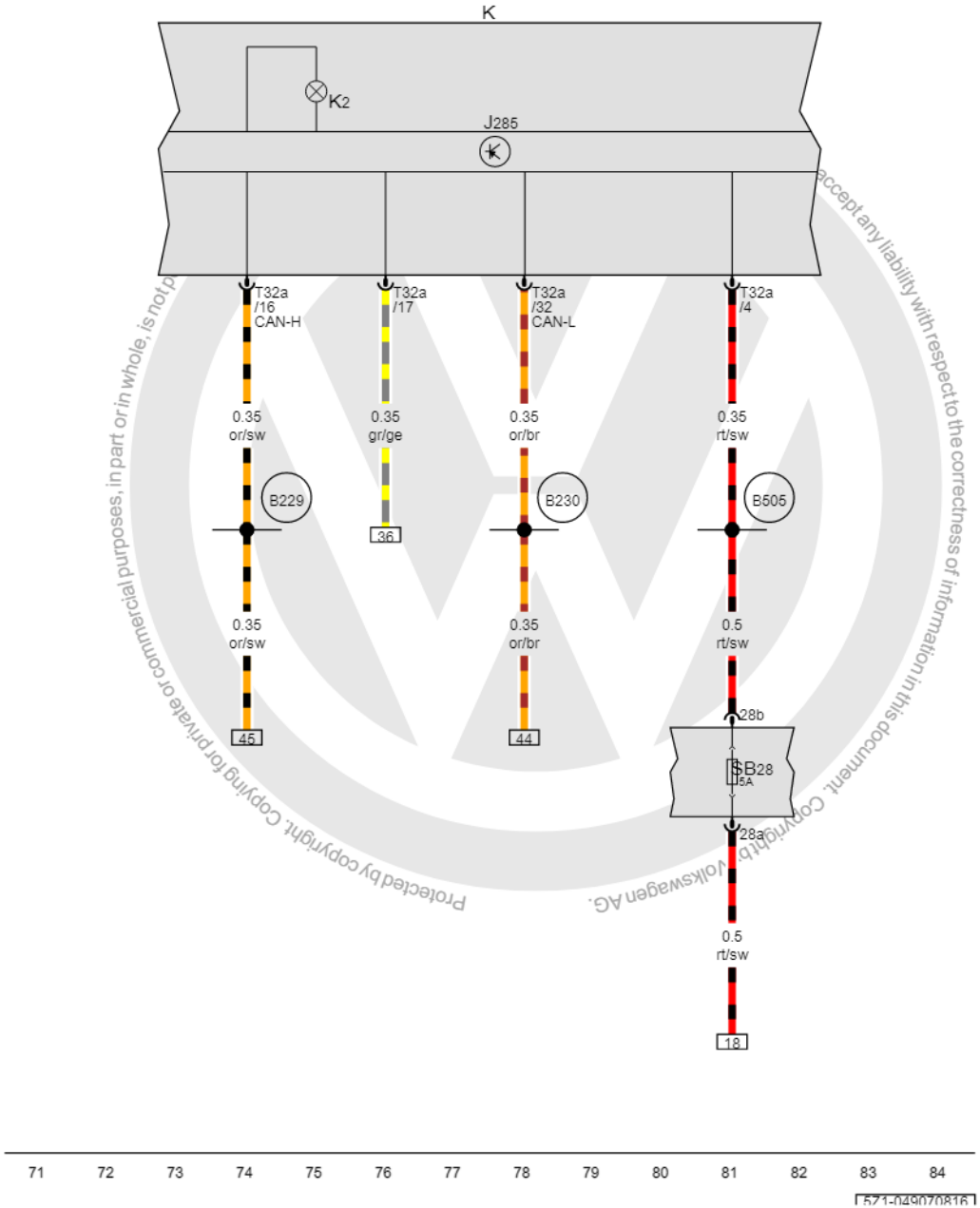
G60	Front passenger seat temperature sensor
J132	Heated front passenger seat control unit
T2cs	2-pin connector
T6o	6-pin connector, under front passenger seat
T8m	8-pin connector
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
136	Earth connection 2, in seat heating wiring harness
O13	Connection 2, in seat heating wiring harness

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Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
SB28	Fuse 28 on fuse holder B
T32a	32-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B505	Positive connection 9 (30a), in interior wiring harness



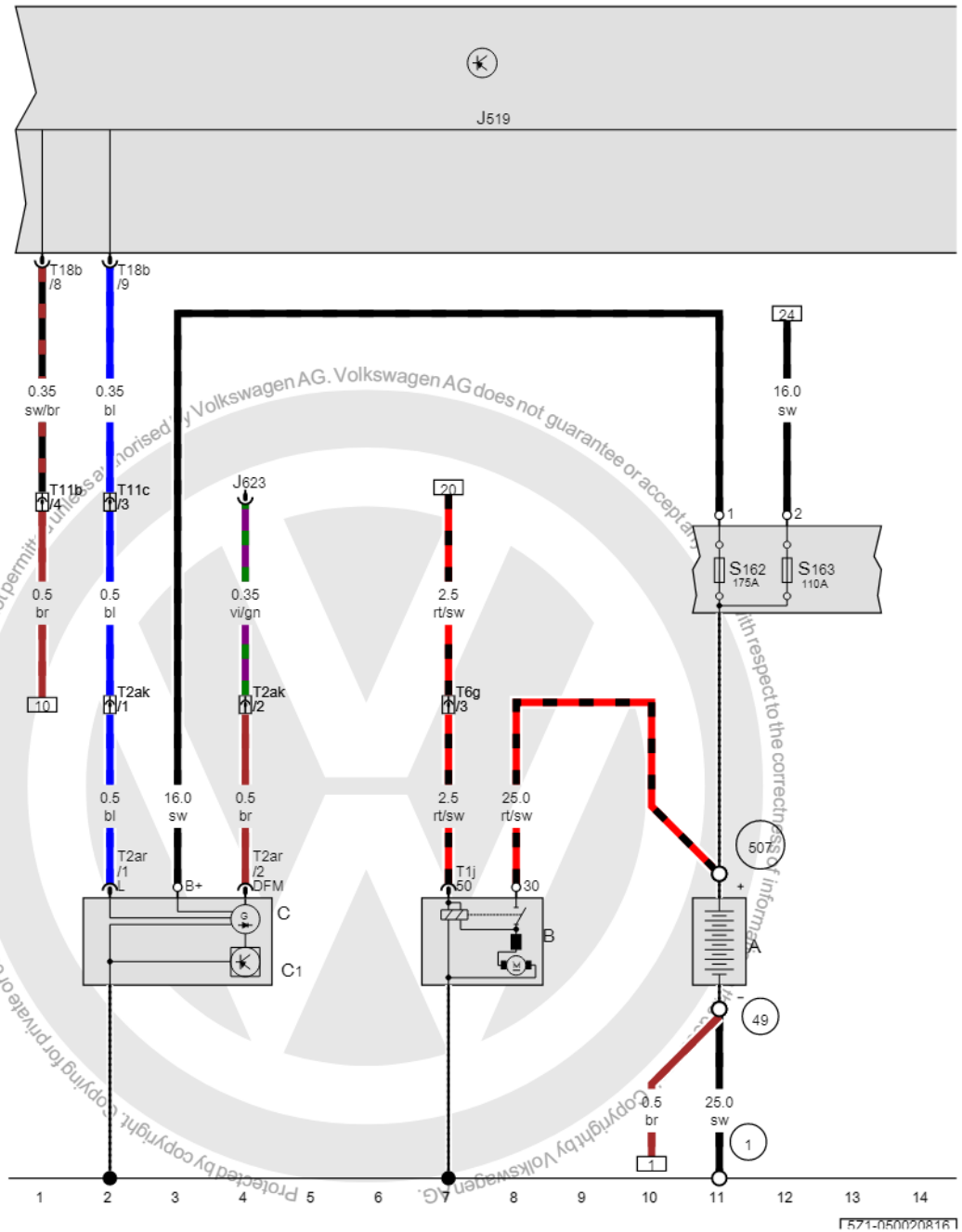
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Heated washer jets , (F6G)

From June 2005

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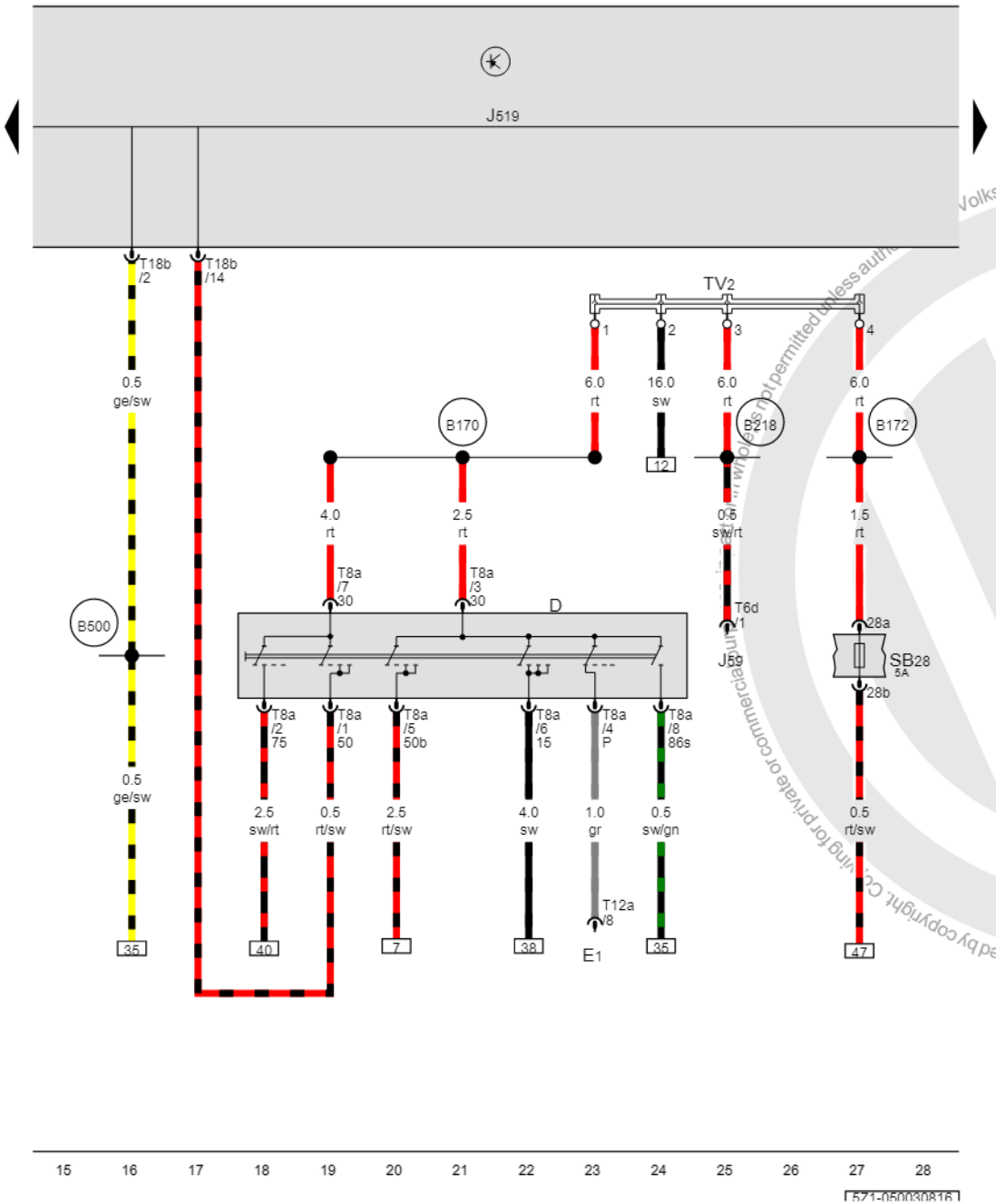


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Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



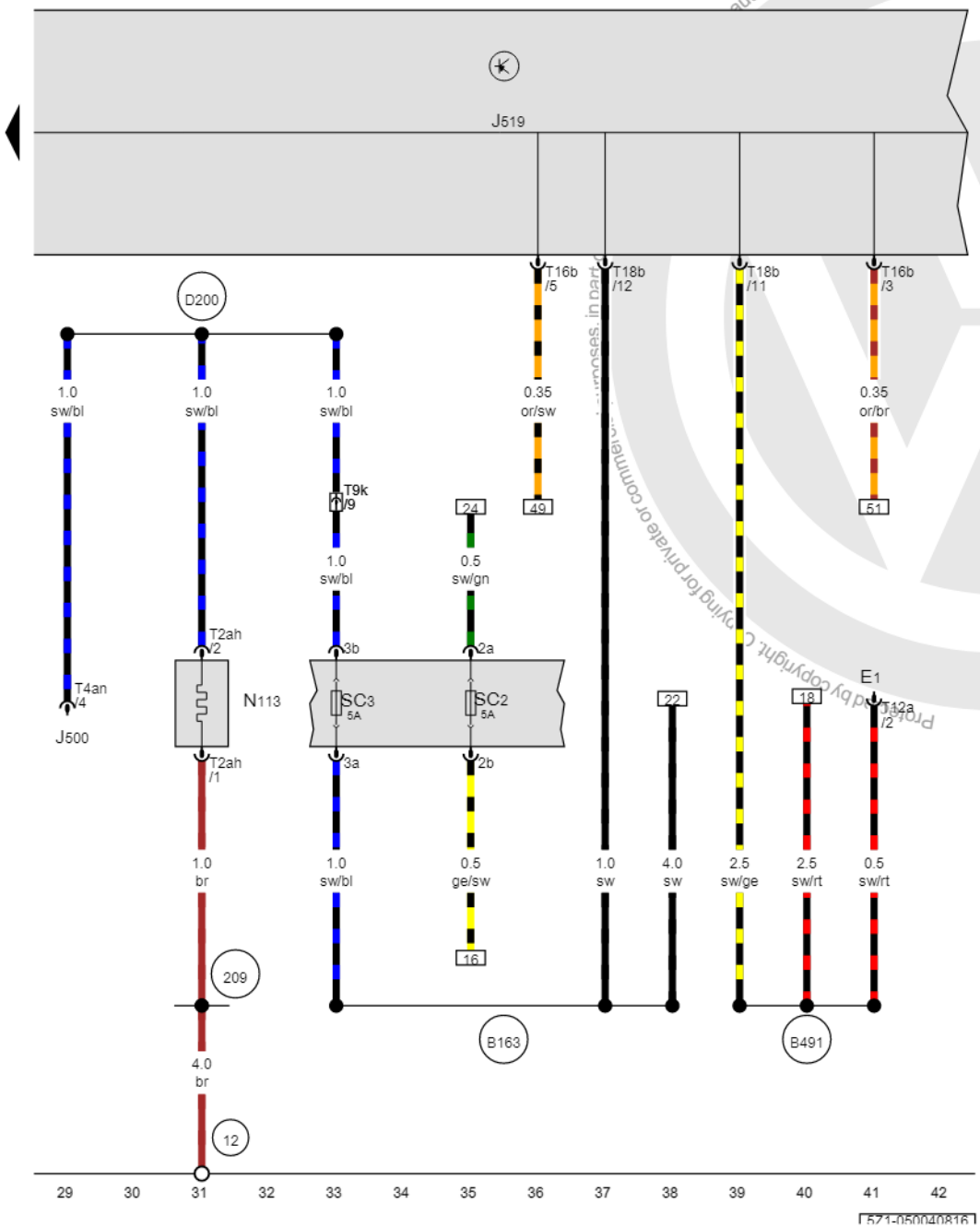
Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J59	X-contact relief relay
J519	Onboard supply control unit
SB28	Fuse 28 on fuse holder B
T6d	6-pin connector
T8a	8-pin connector
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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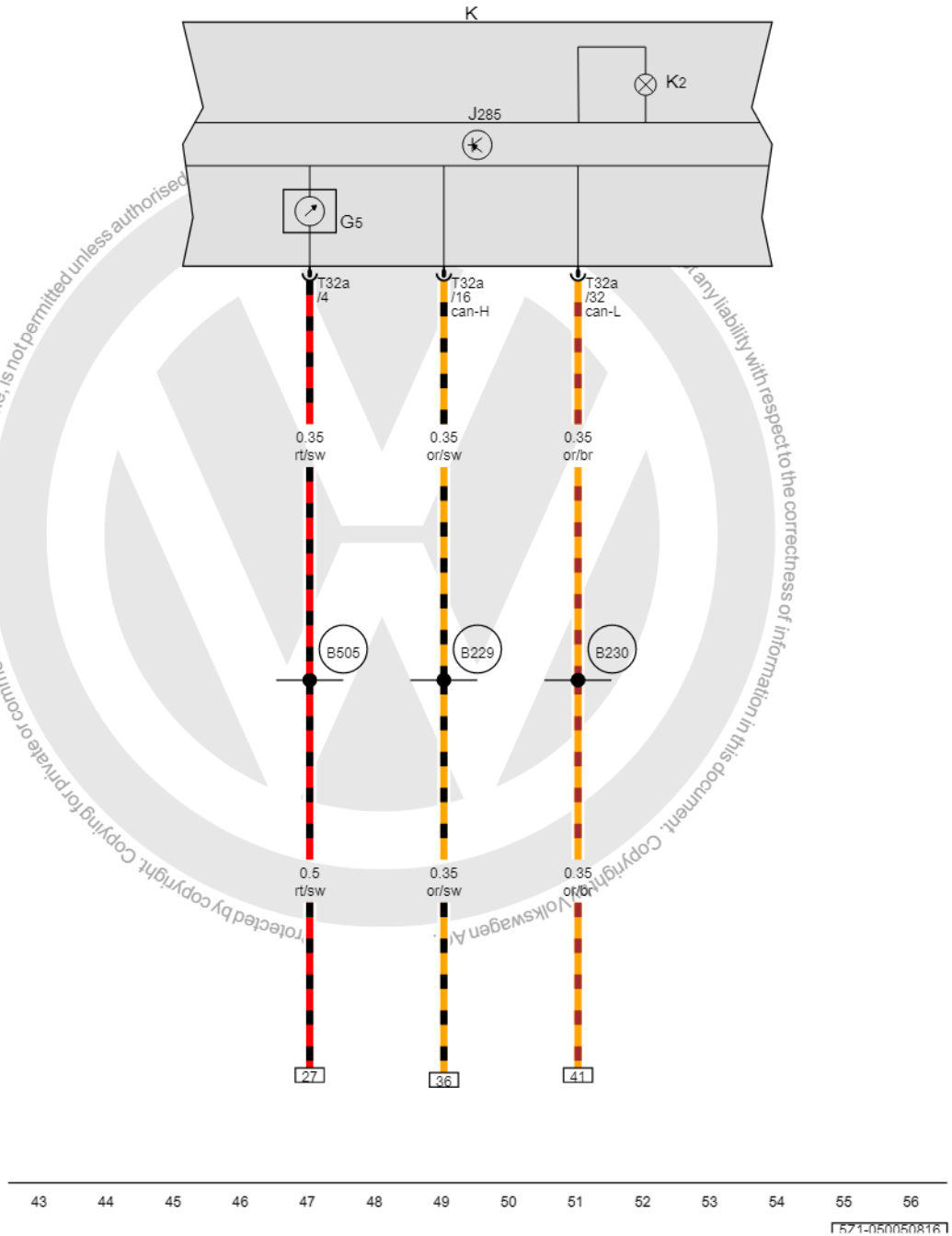
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Onboard supply control unit, Spray jet heater element for windscreen washer system

E1	Light switch
J500	Power steering control unit
J519	Onboard supply control unit
N113	Spray jet heater element for windscreen washer system
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
T2ah	2-pin connector
T4an	4-pin connector
T9k	9-pin connector, on left in plenum chamber
T12a	12-pin connector
T16b	16-pin connector
T18b	18-pin connector
12	Earth point, on left in engine compartment
209	Earth connection 6, in engine compartment wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
D200	Positive connection 3 (15a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Rev. counter, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

G5	Rev. counter
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
T32a	32-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B505	Positive connection 9 (30a), in interior wiring harness

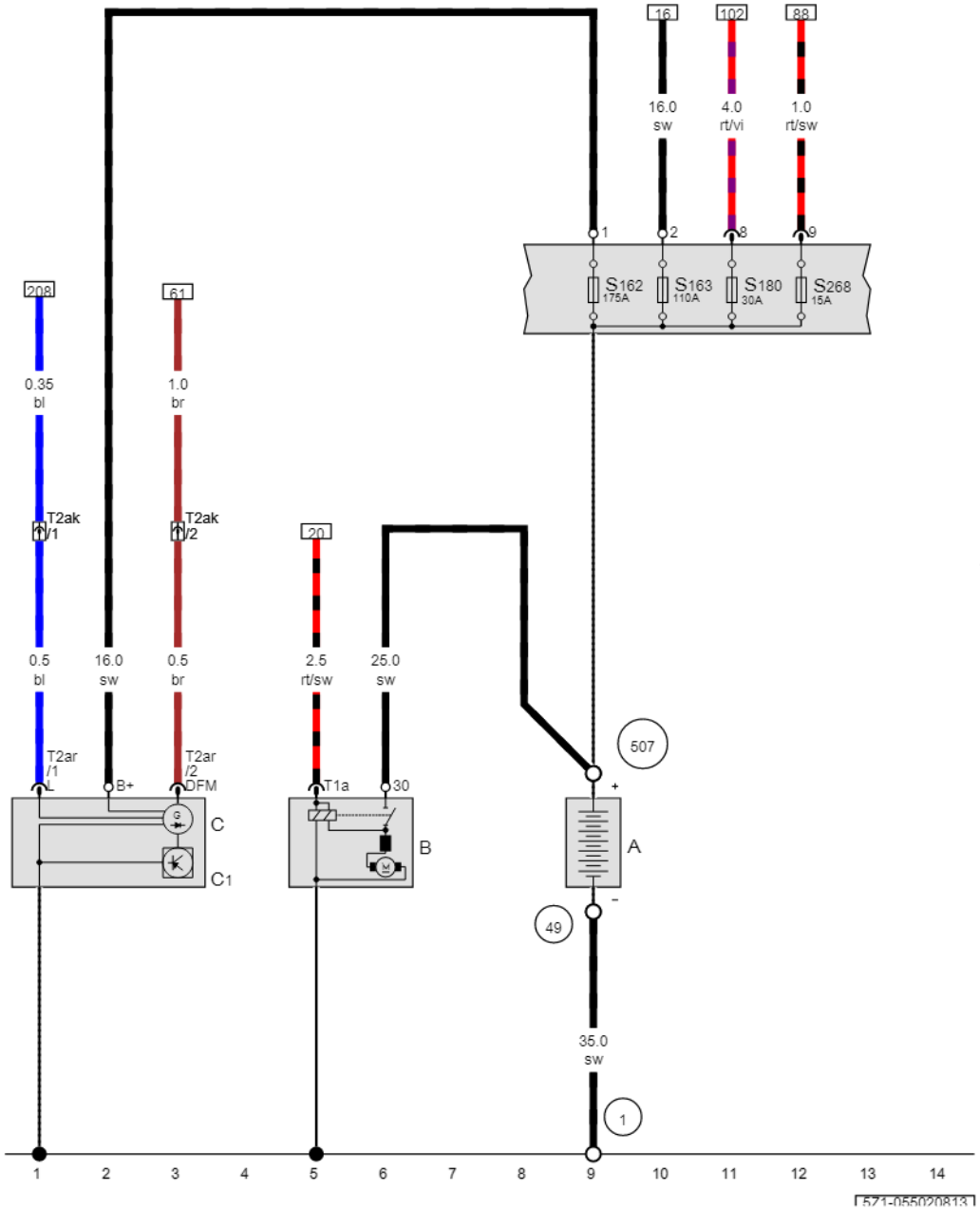
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

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1.6l engine , BLH,(F0A)

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Battery, Starter, Alternator, Voltage regulator

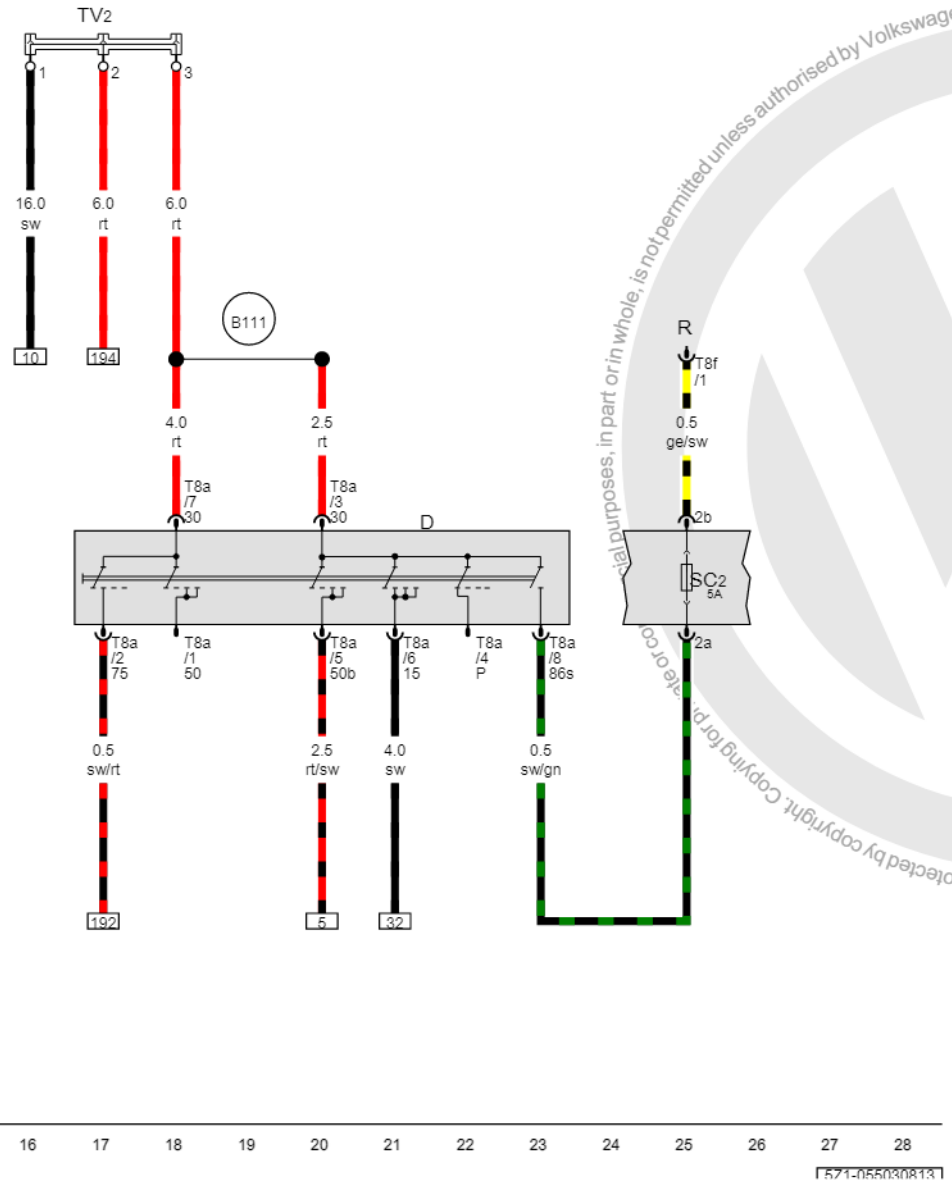
A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S180	Fuse 8 (30), in battery fuse holder
S268	Fuse 10 (30), in battery fuse holder
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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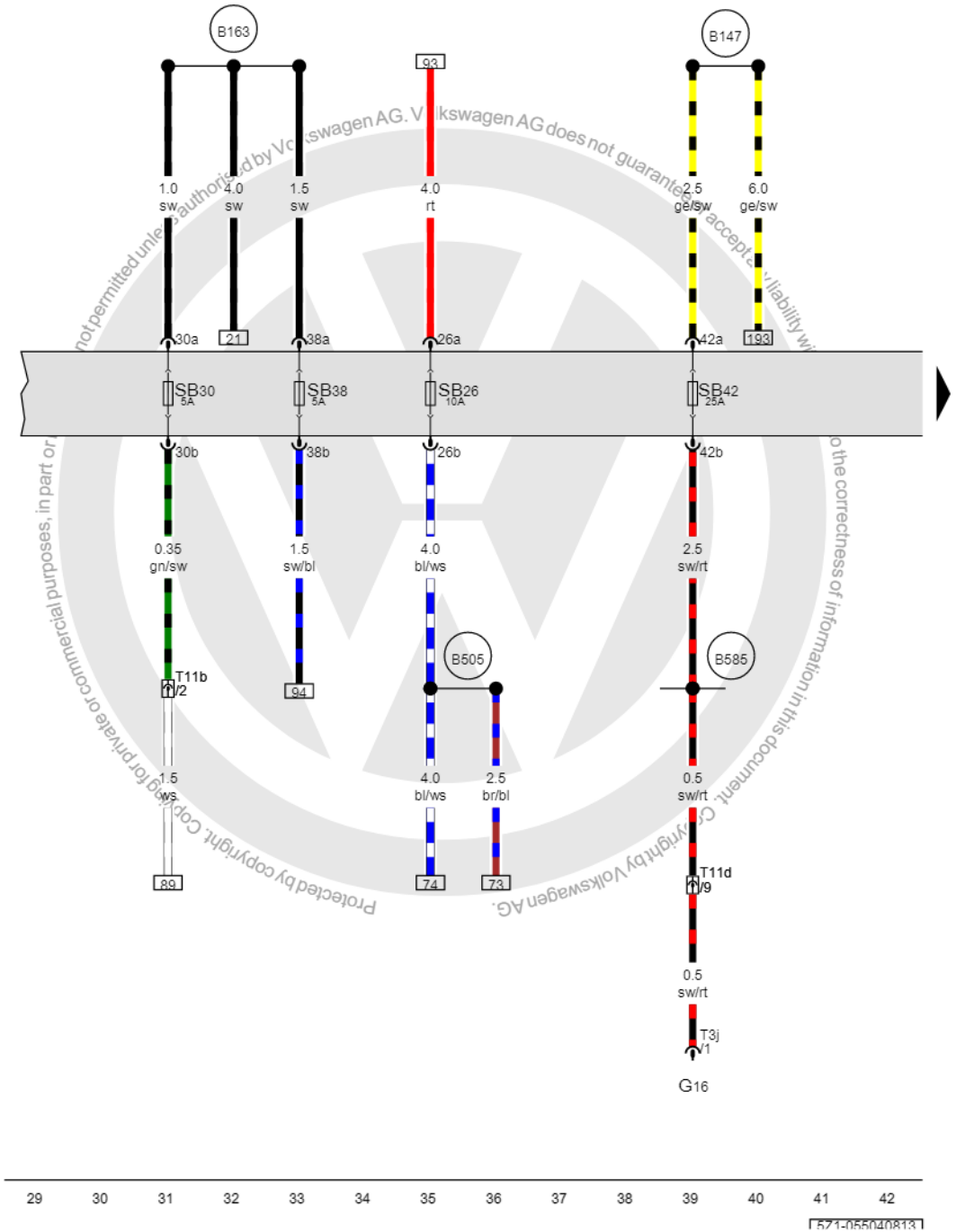
Ignition/starter switch, Terminal 30 wiring junction

D	Ignition/starter switch
R	Radio
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector
T8f	8-pin connector
TV2	Terminal 30 wiring junction
B111	Positive connection 1 (30a), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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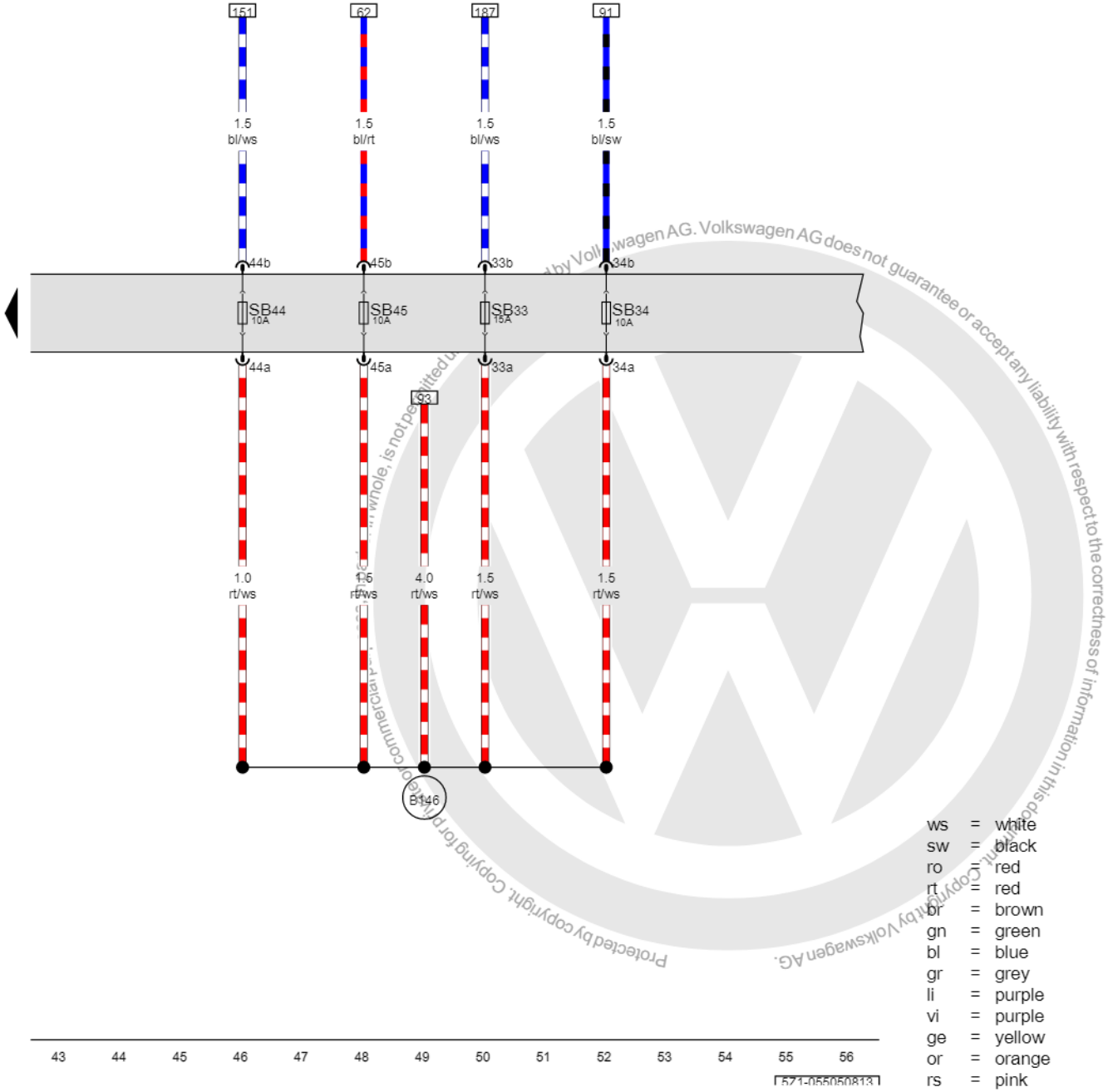


Fuse 26 on fuse holder B, Fuse 30 on fuse holder B, Fuse 38 on fuse holder B, Fuse 42 on fuse holder B

G16	Pressure sensor
SB26	Fuse 26 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB42	Fuse 42 on fuse holder B
T3j	3-pin connector
T11b	11-pin connector, on left in plenum chamber
T11d	11-pin connector, on left in plenum chamber
B147	Positive connection 2 (87), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B505	Positive connection 9 (30a), in interior wiring harness
B585	Positive connection 2 (87a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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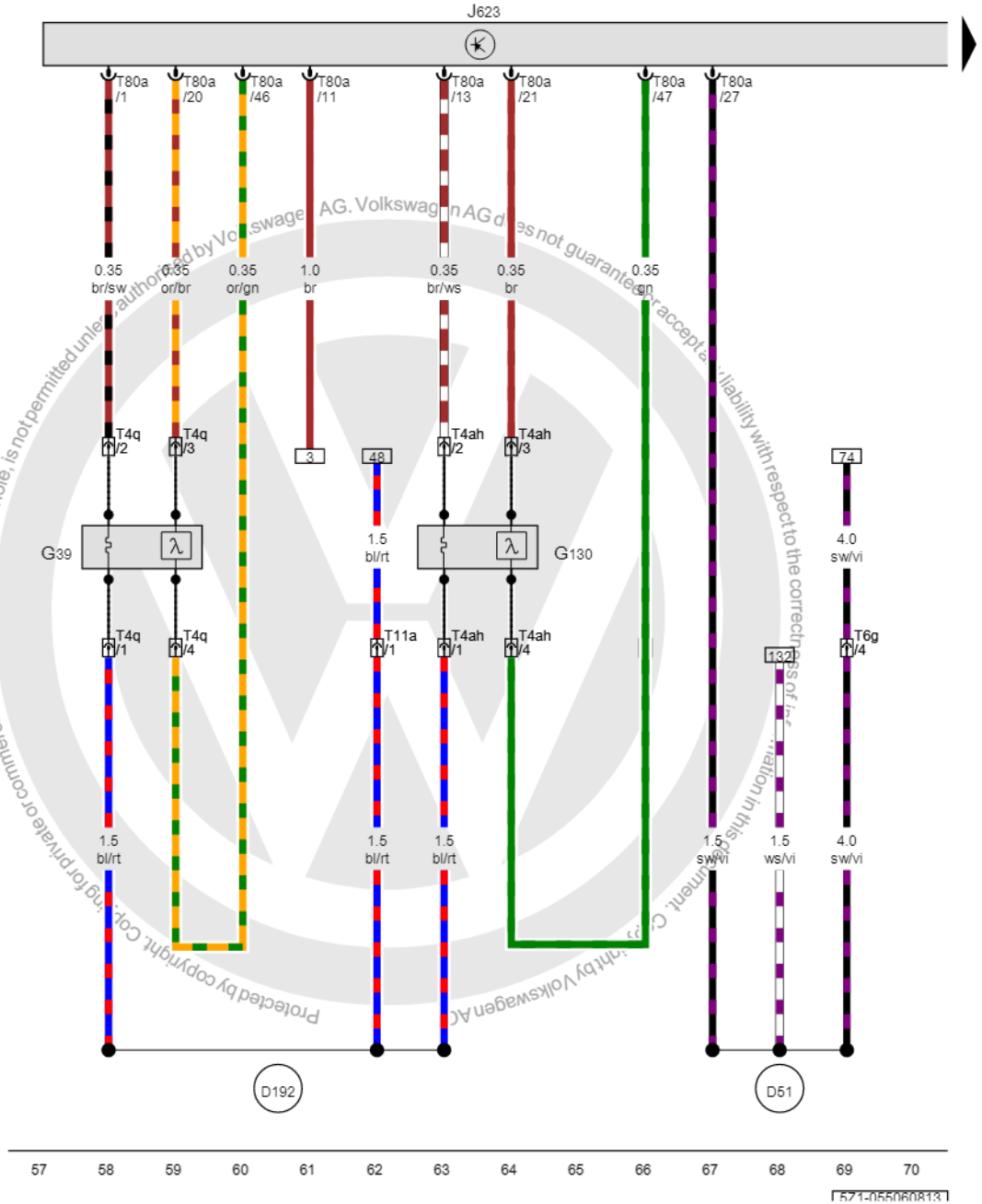


Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

SB33	Fuse 33 on fuse holder B
SB34	Fuse 34 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
B146	Positive connection 1 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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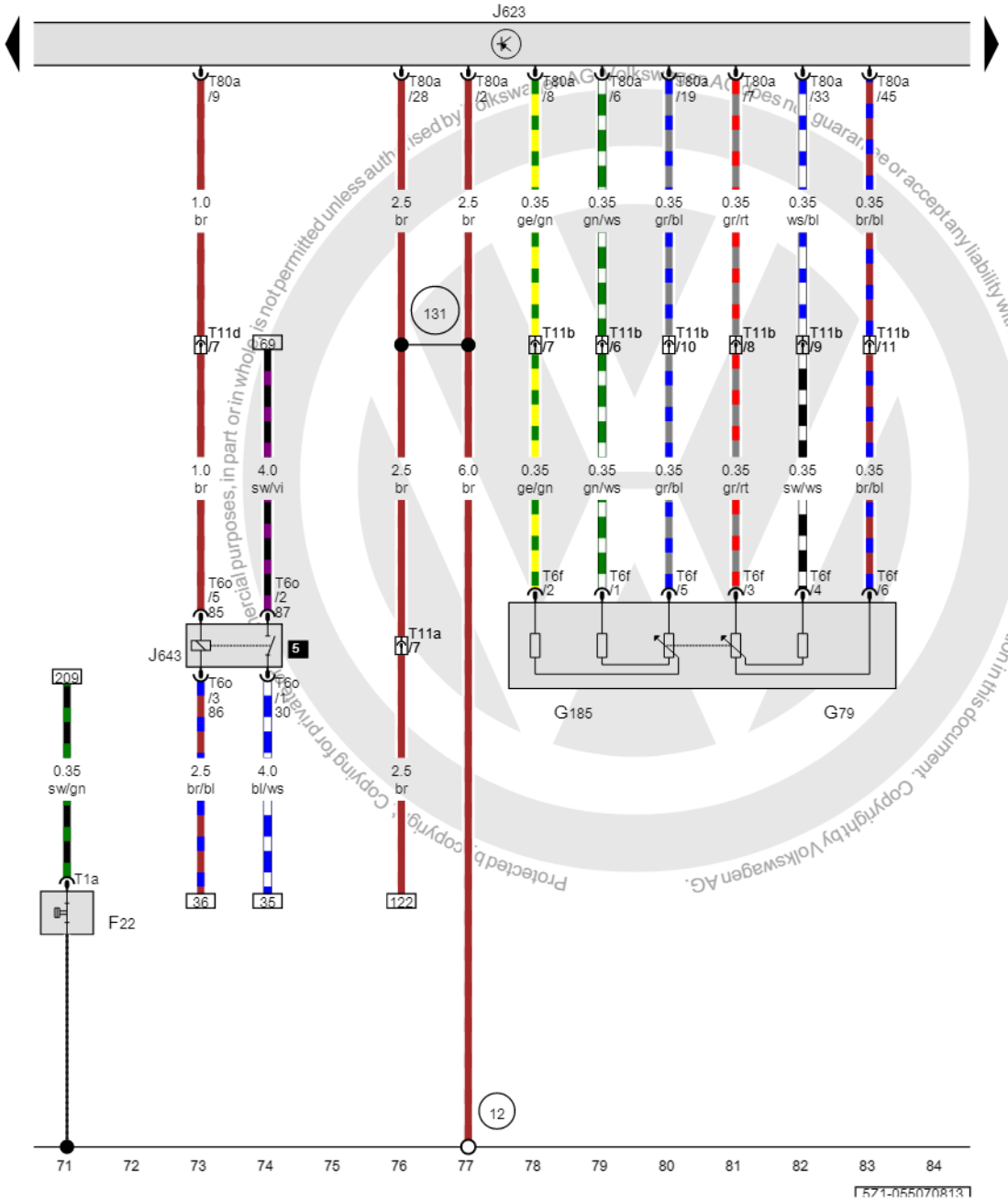


Lambda probe, Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4ah	4-pin connector
T4q	4-pin connector
T6g	6-pin connector, on left in plenum chamber
T11a	11-pin connector, on left in plenum chamber
T80a	80-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D192	Connection 1 (RTS), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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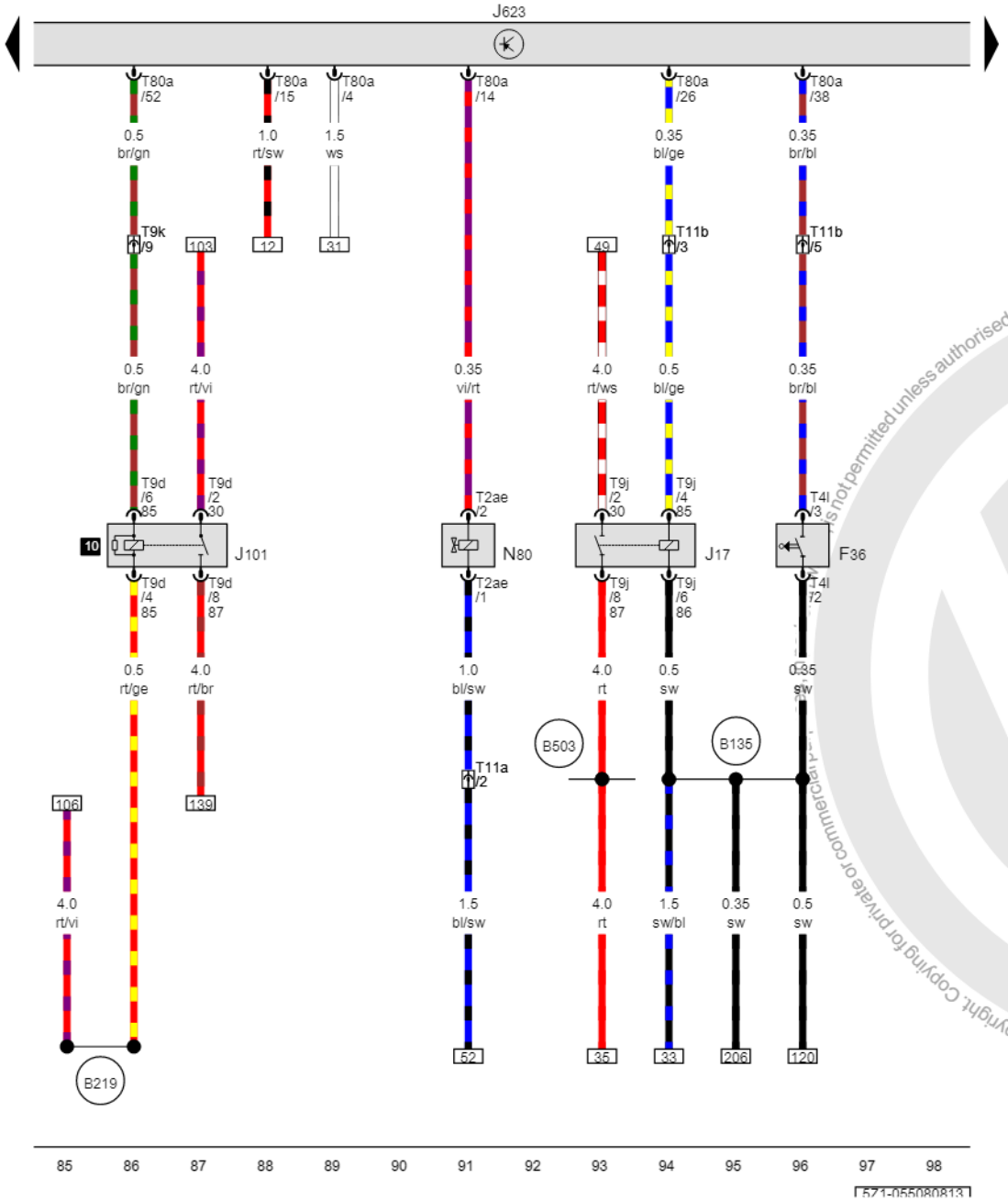


Oil pressure switch, Accelerator position sender, Accelerator position sender 2, Engine control unit, Fuel supply relay

F22	Oil pressure switch
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
J643	Fuel supply relay
T1a	Single connector
T6f	6-pin connector
T6o	6-pin connector
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11d	11-pin connector, on left in plenum chamber
T80a	80-pin connector
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Clutch pedal switch, Fuel pump relay, Radiator fan 2nd speed relay, Engine control unit, Activated charcoal filter solenoid valve 1

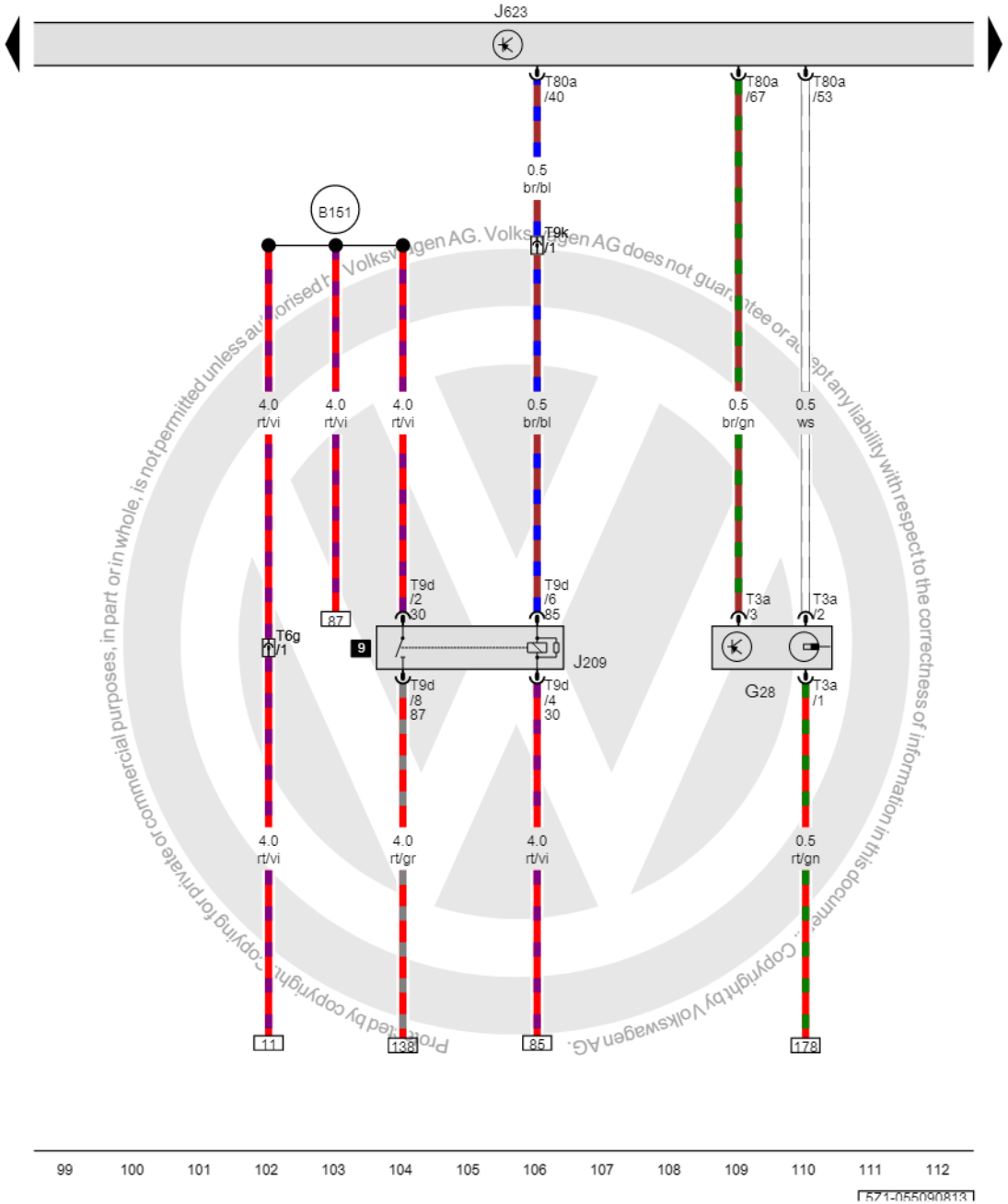
F36	Clutch pedal switch
J17	Fuel pump relay
J101	Radiator fan 2nd speed relay
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
T2ae	2-pin connector
T4l	4-pin connector
T9d	9-pin connector
T9j	9-pin connector
T9k	9-pin connector, on left in plenum chamber
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T80a	80-pin connector
B135	Connection 1 (15a), in interior wiring harness
B219	Positive connection 4 (30a), in interior wiring harness
B503	Positive connection 7 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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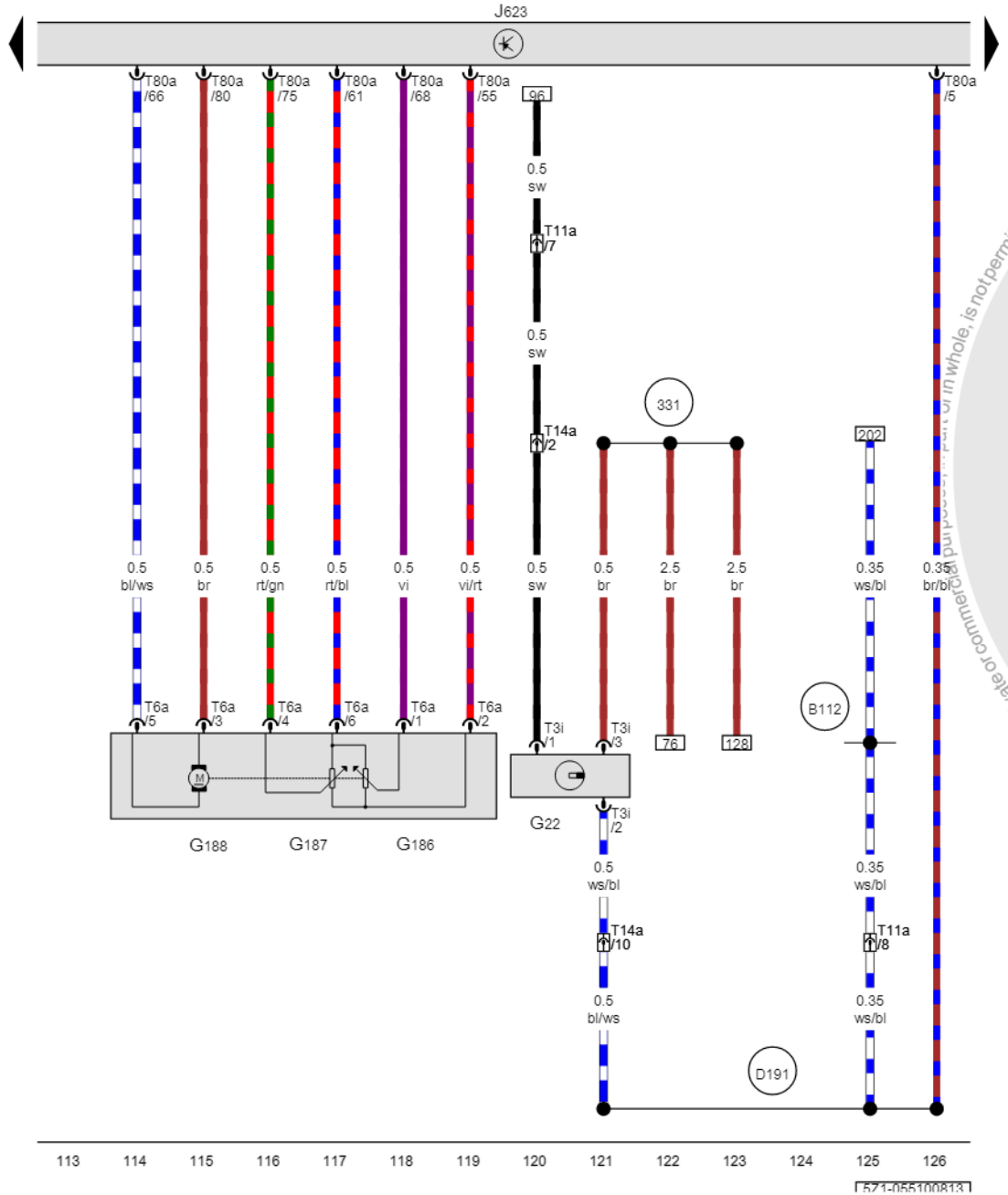
Fresh air blower and radiator fan relay, Engine control unit

G28	Engine speed sender
J209	Fresh air blower and radiator fan relay
J623	Engine control unit
T3a	3-pin connector
T6g	6-pin connector, on left in plenum chamber
T9d	9-pin connector
T9k	9-pin connector, on left in plenum chamber
T80a	80-pin connector
B151	Positive connection 3 (30a), in interior wiring harness



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ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

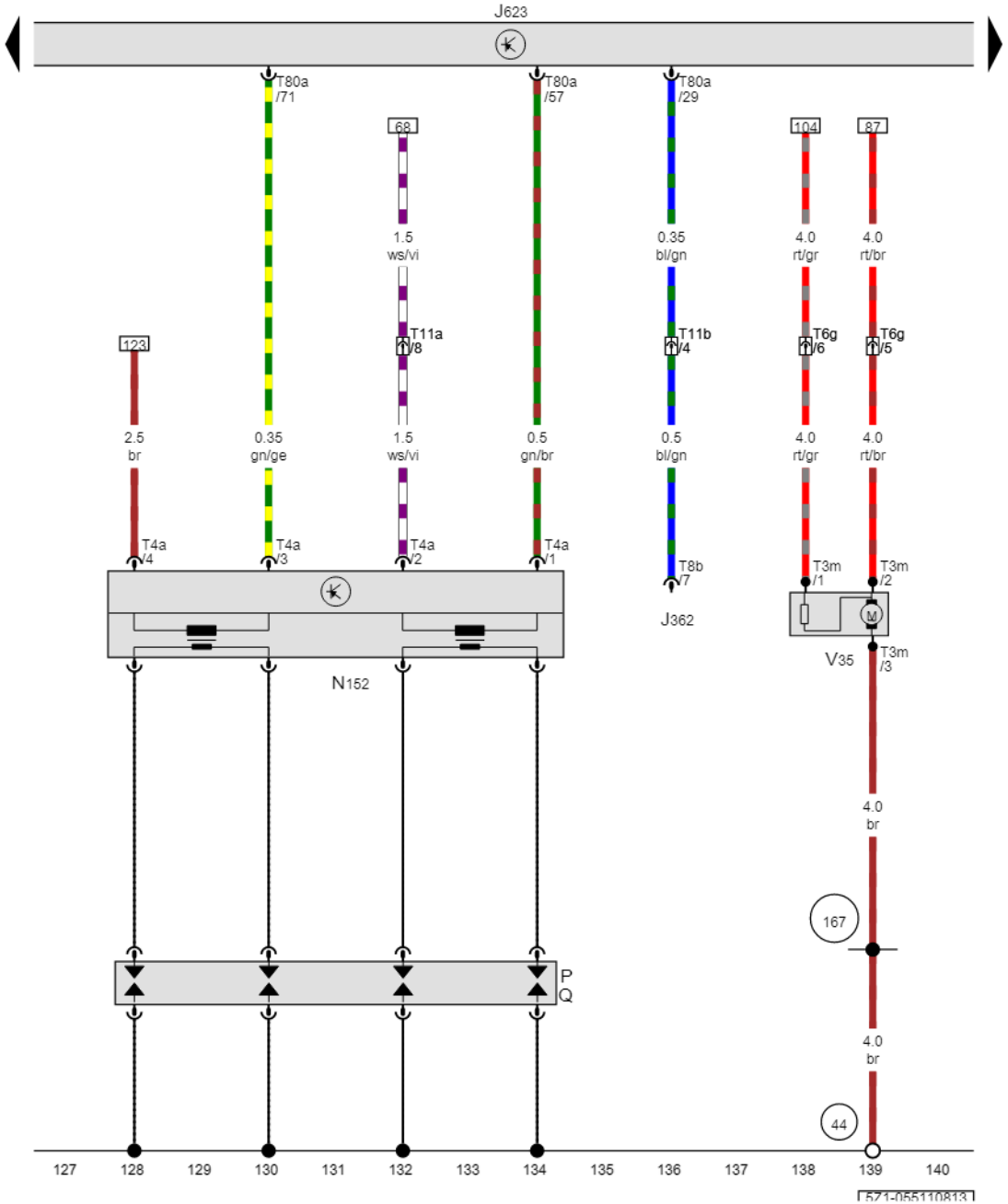


Speedometer sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit

G22	Speedometer sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J623	Engine control unit
T3i	3-pin connector
T6a	6-pin connector
T11a	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T80a	80-pin connector
331	Earth connection, in injection system wiring harness
B112	Positive connection (30a), in right interior wiring harness
D191	Speed sender connection, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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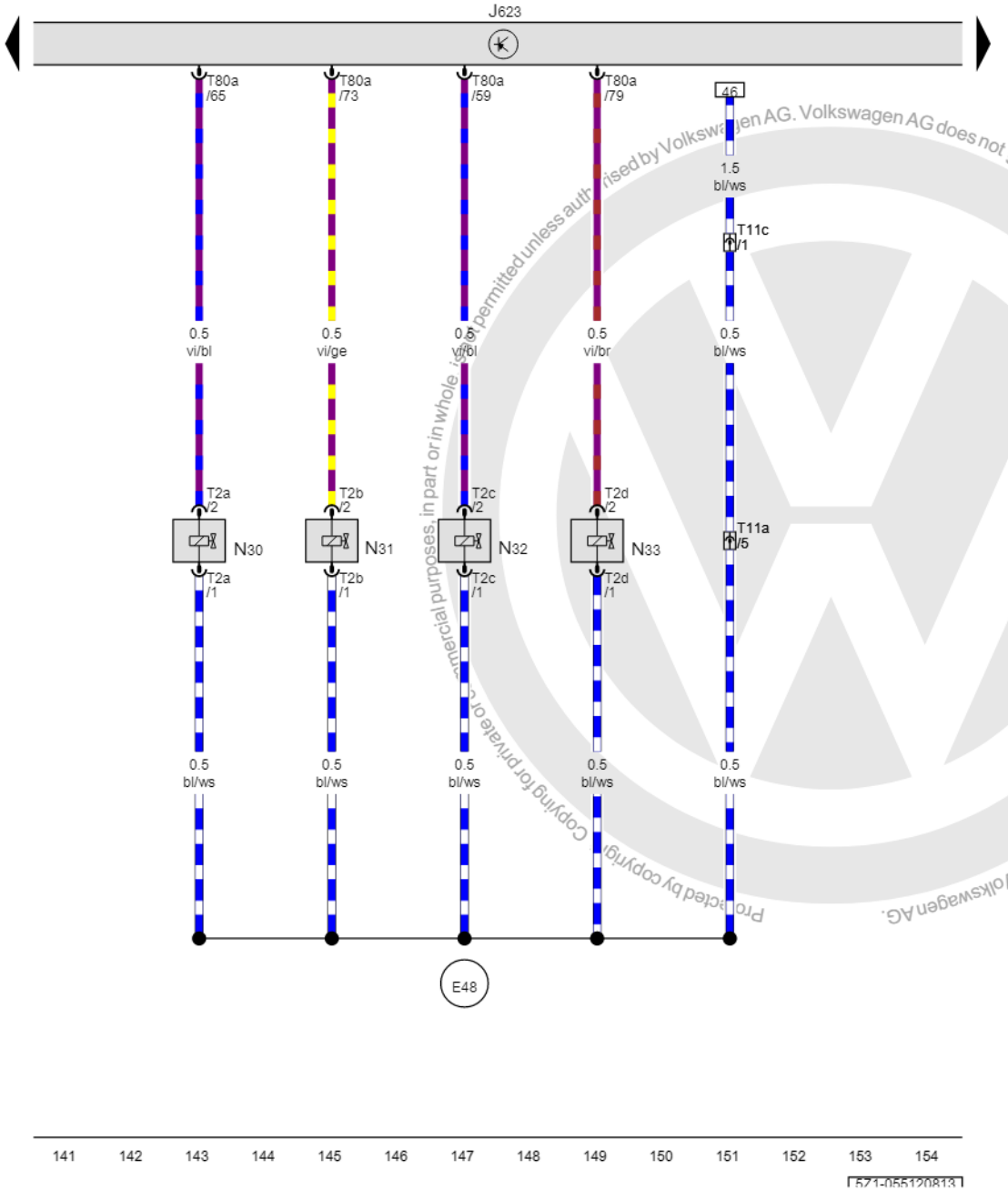
Engine control unit, Ignition transformer, Spark plug connector

J362	Immobiliser control unit
J623	Engine control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plugs
T3m	3-pin connector
T4a	4-pin connector
T6g	6-pin connector, on left in plenum chamber
T8b	8-pin connector
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T80a	80-pin connector
V35	Right radiator fan
44	Earth point, lower part of left A-pillar
167	Earth connection 4, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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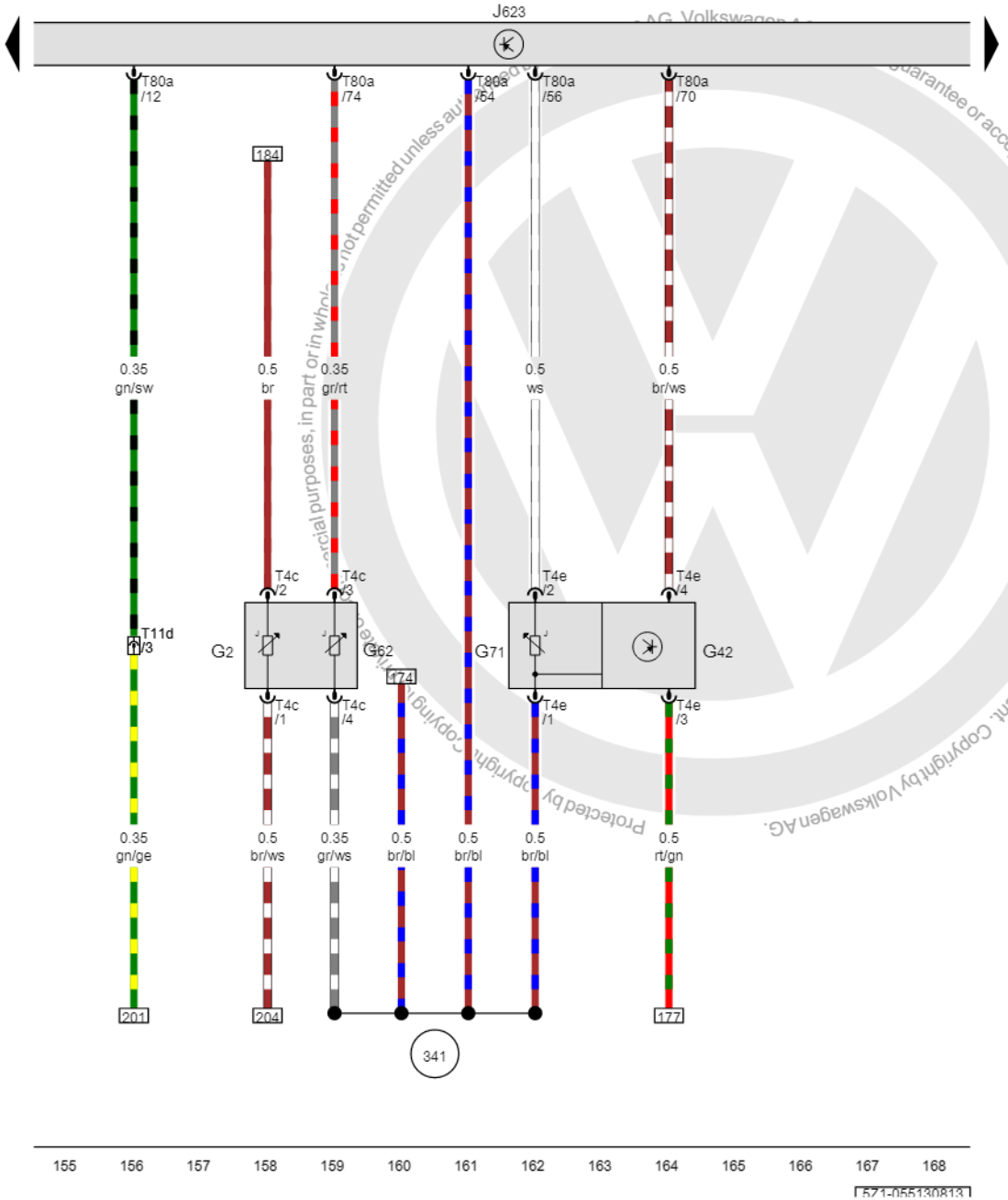
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4



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J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2a	2-pin connector
T2b	2-pin connector
T2c	2-pin connector
T2d	2-pin connector
T11a	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T80a	80-pin connector
E48	Connection (injectors), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Coolant temperature display sender, Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender, Engine control unit

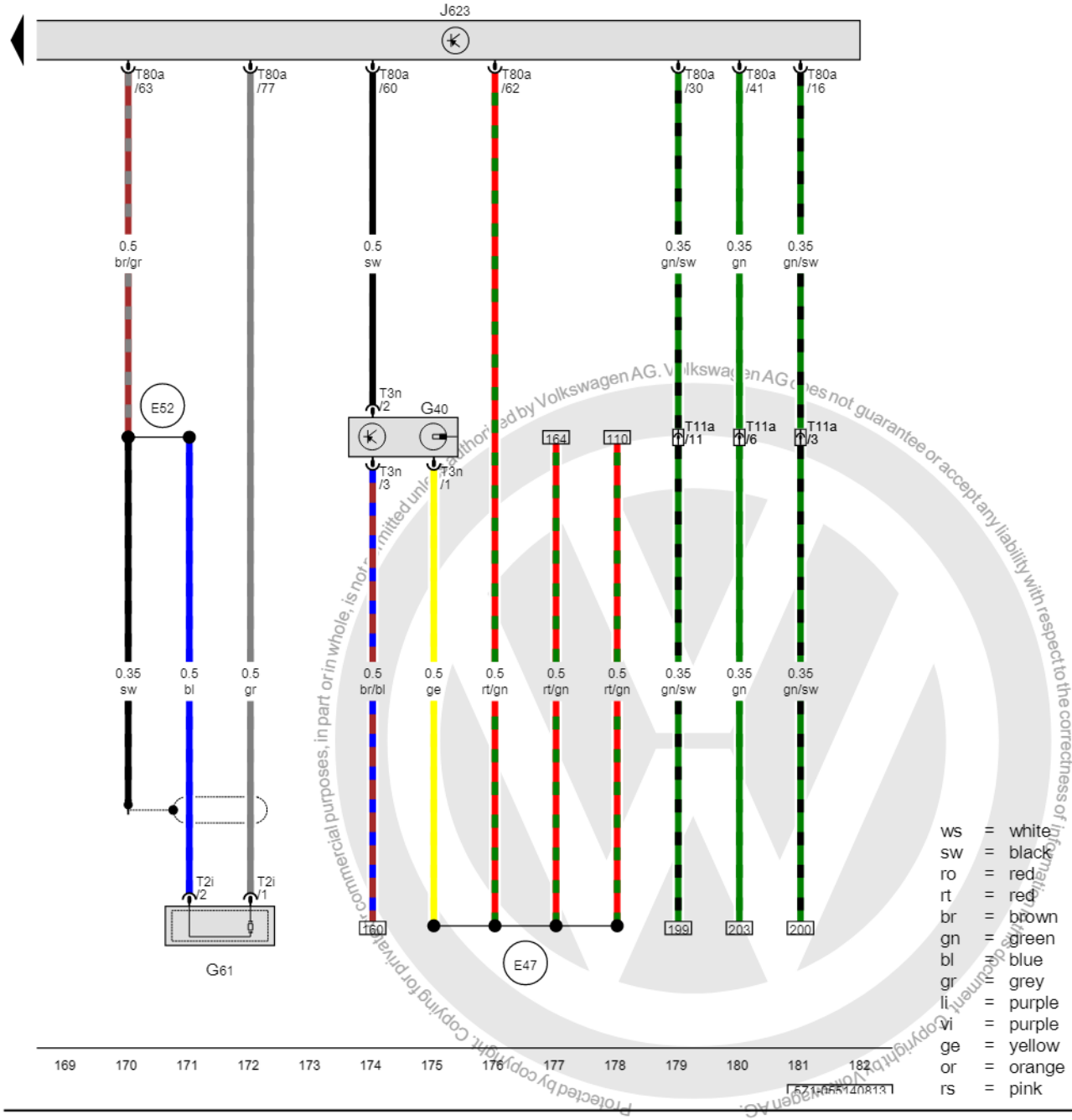
G2	Coolant temperature display sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G71	Intake manifold pressure sender
J623	Engine control unit
T4c	4-pin connector
T4e	4-pin connector
T11d	11-pin connector, on left in plenum chamber
T80a	80-pin connector
341	Earth connection 3, in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Hall sender, Knock sensor 1, Engine control unit

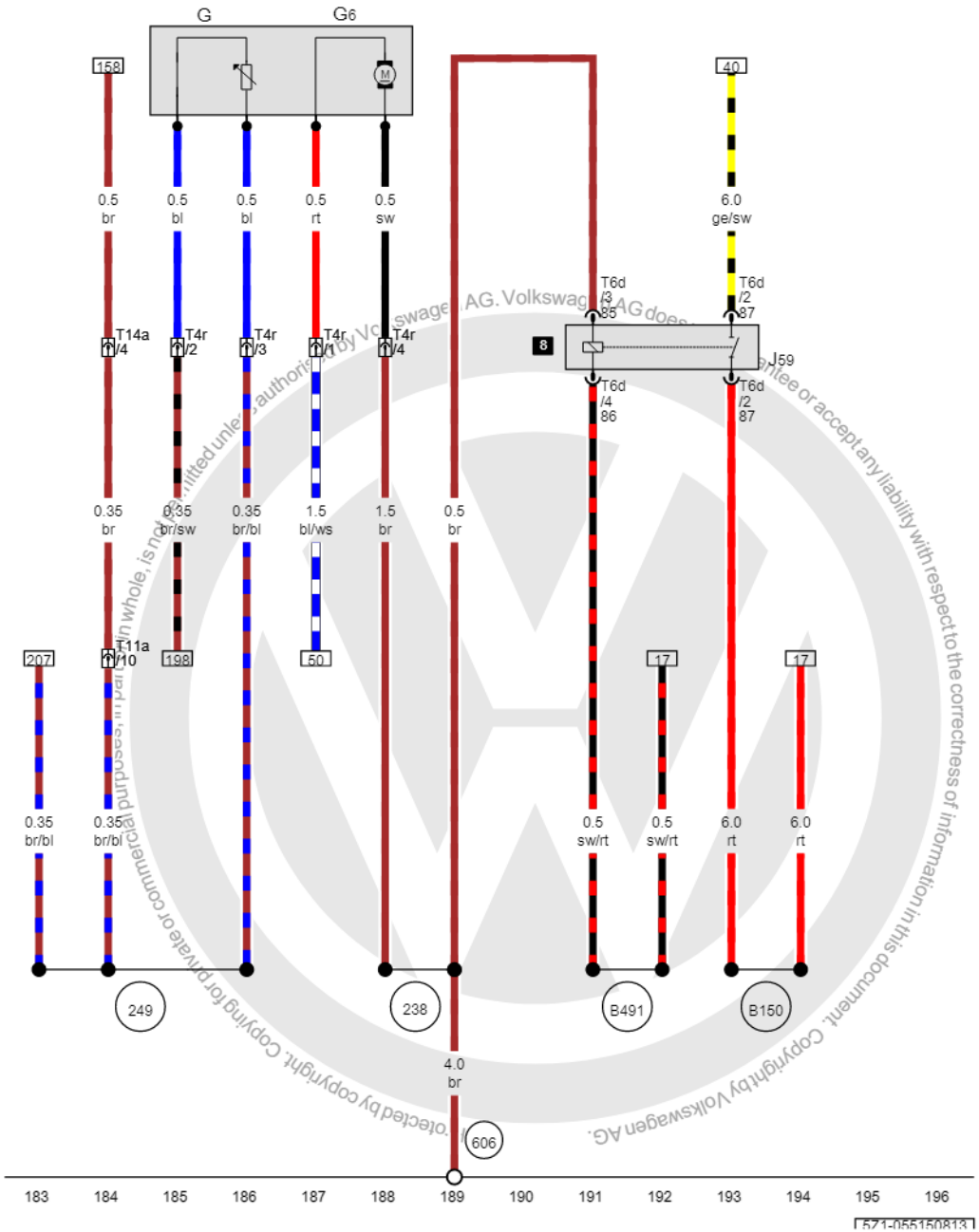
G40	Hall sender
G61	Knock sensor 1
J623	Engine control unit
T2i	2-pin connector
T3n	3-pin connector
T11a	11-pin connector, on left in plenum chamber
T80a	80-pin connector
E47	Positive connection 2 (5 Volt) in injection system wiring harness
E52	Connection (screening), in injection system wiring harness



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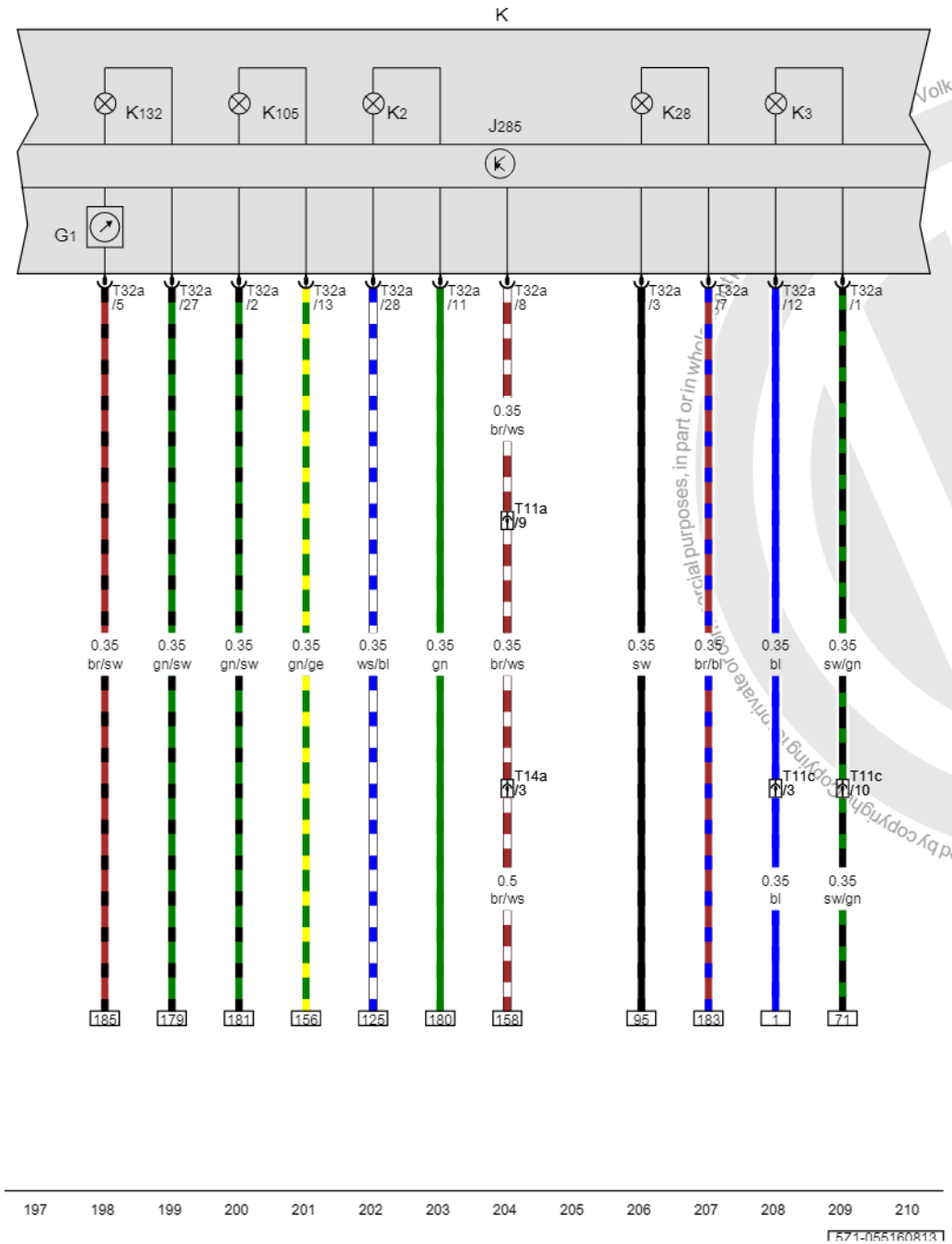
Fuel system pressurisation pump, X-contact relief relay

G	Fuel gauge sender
G6	Fuel system pressurisation pump
J59	X-contact relief relay
T4r	4-pin connector, on left in engine compartment
T6d	6-pin connector
T11a	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
238	Earth connection 1, in interior wiring harness
249	Earth connection 2, in interior wiring harness
606	Earth point, under the centre console near gear stick
B150	Positive connection 2 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Coolant temperature and coolant shortage warning lamp, Reserve fuel warning lamp, Electronic power control fault lamp

G1	Fuel gauge
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K105	Reserve fuel warning lamp
K132	Electronic power control fault lamp
T11a	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T32a	32-pin connector

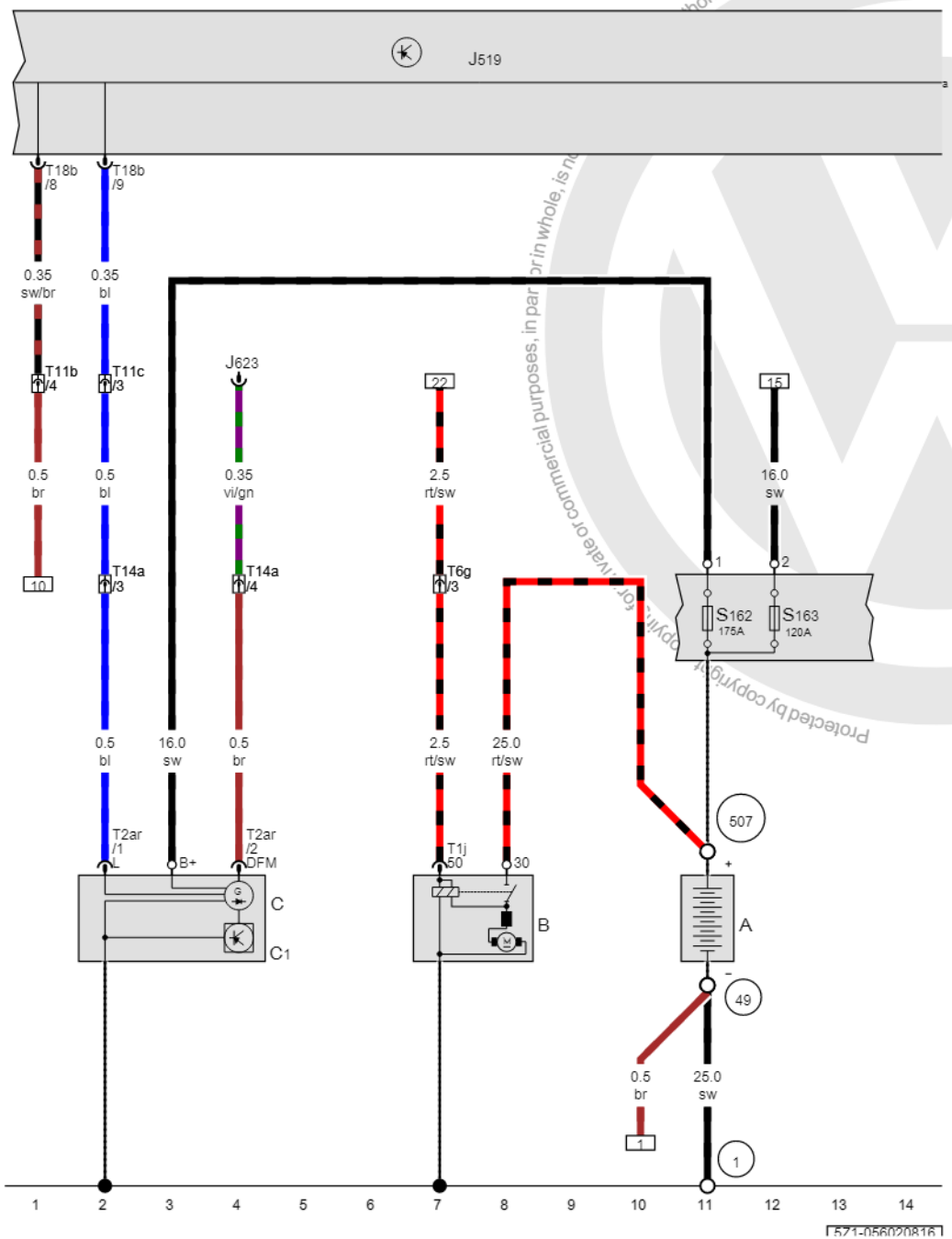
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vi	=	purple
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rs	=	pink

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Window wash/wipe system and heated rear window , (F6G)

From May 2006

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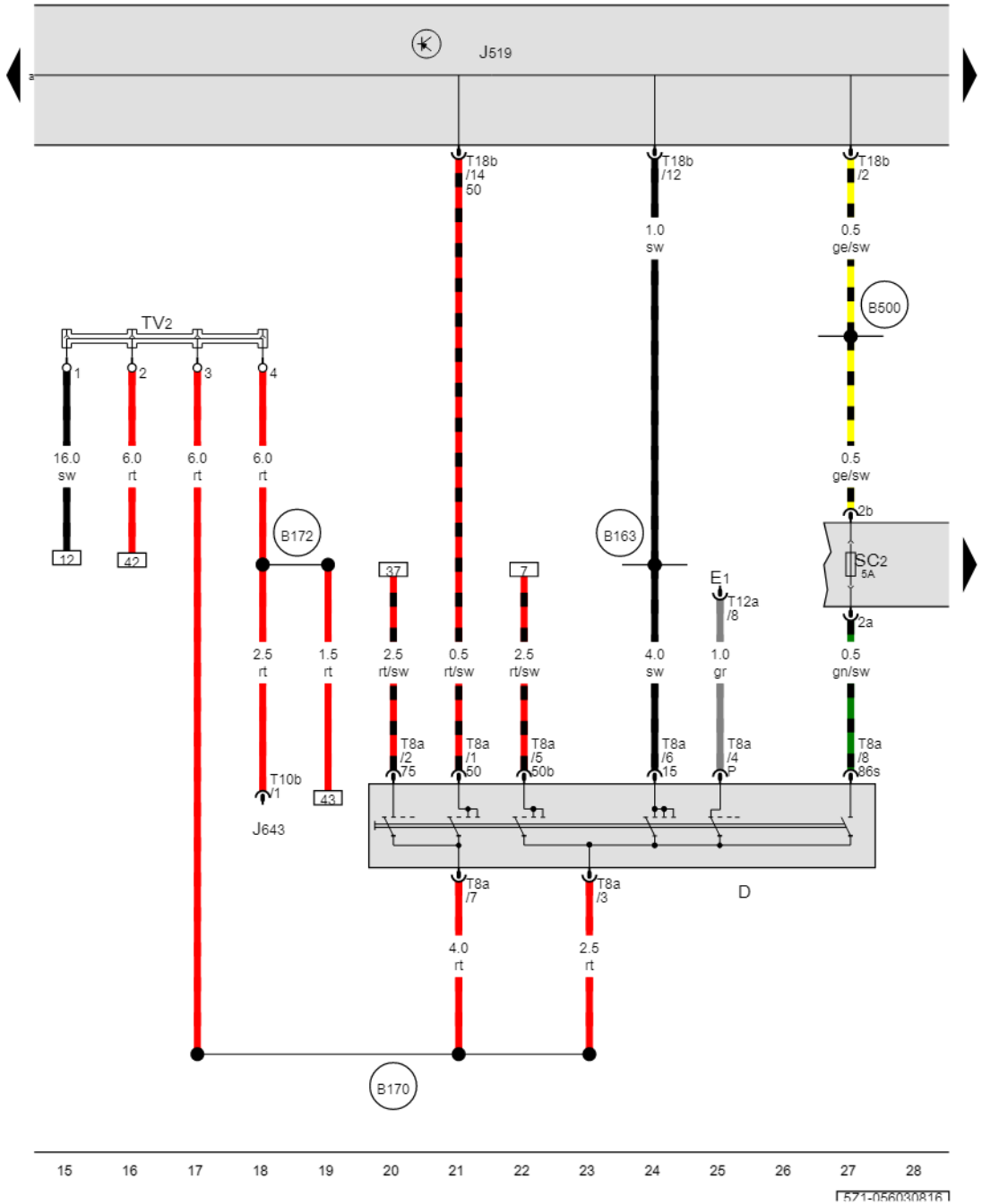


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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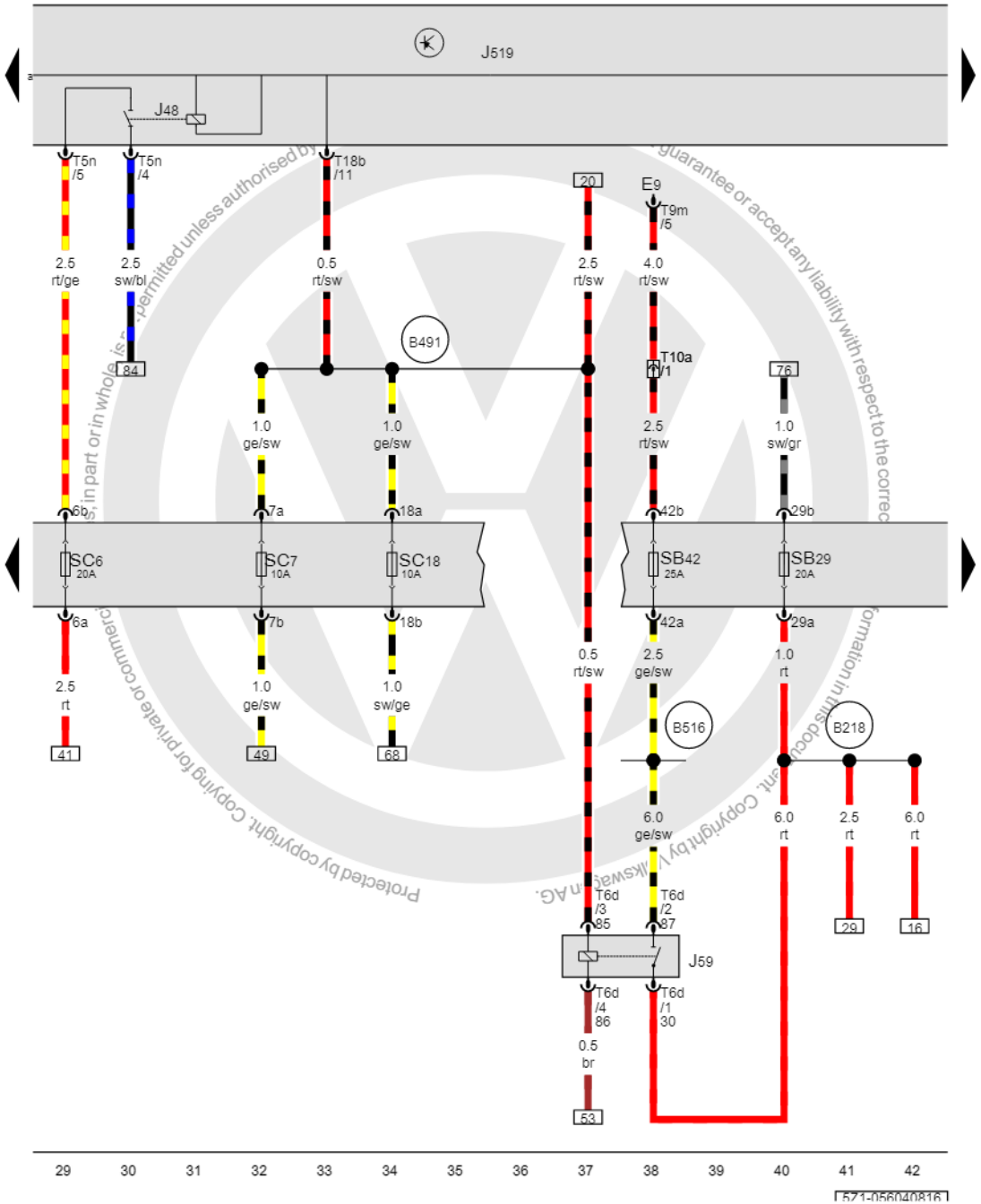


Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J519	Onboard supply control unit
J643	Fuel supply relay
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector
T10b	10-pin connector
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Heated rear window control relay, X-contact relief relay, Onboard supply control unit

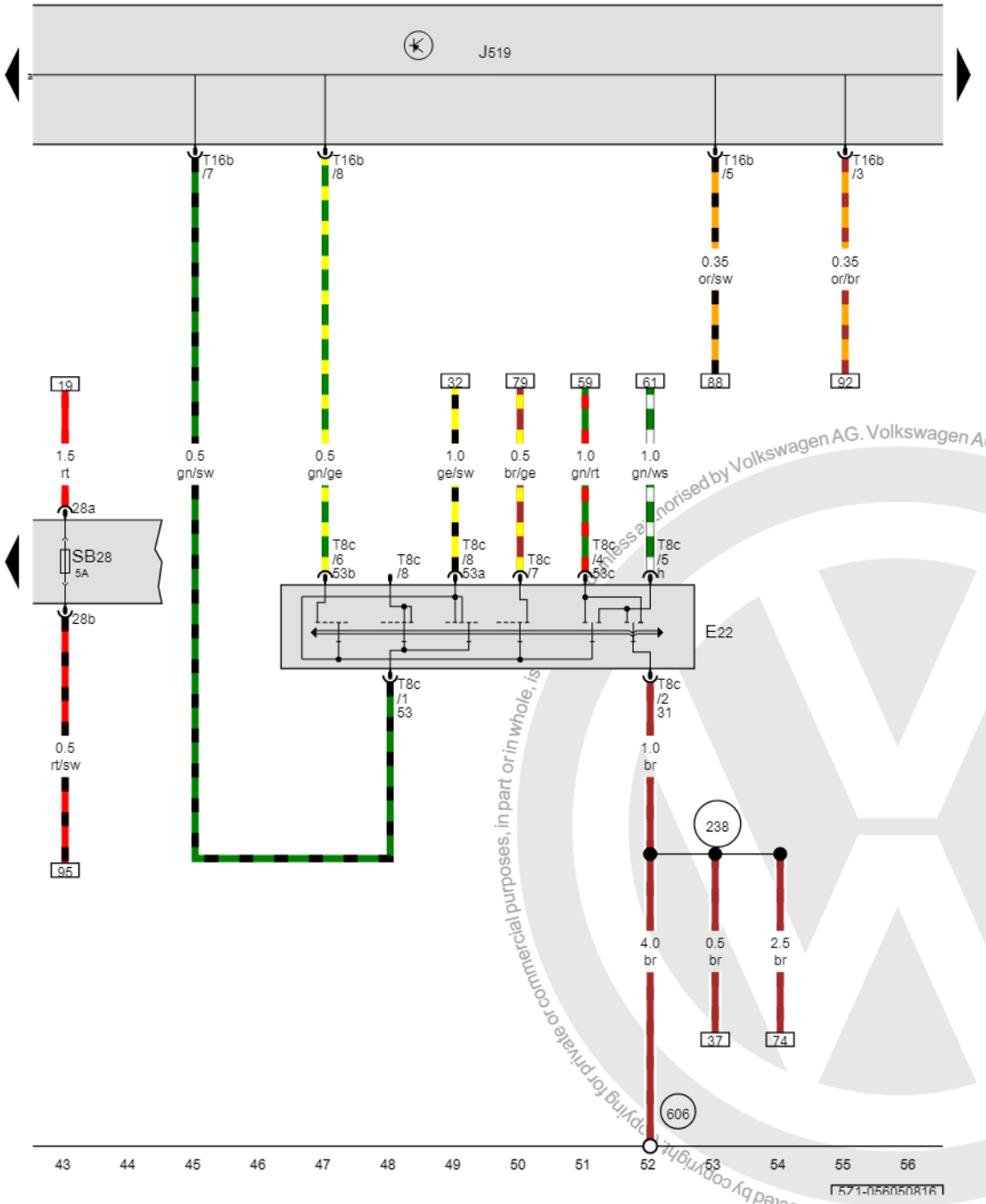
E9	Fresh air blower switch
J48	Heated rear window control relay
J59	X-contact relief relay
J519	Onboard supply control unit
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
SC18	Fuse 18 on fuse holder C
SB29	Fuse 29 on fuse holder B
SB42	Fuse 42 on fuse holder B
T5n	5-pin connector
T6d	6-pin connector
T9m	9-pin connector
T10a	10-pin connector, behind dash panel, right
T18b	18-pin connector
B218	Positive connection 6 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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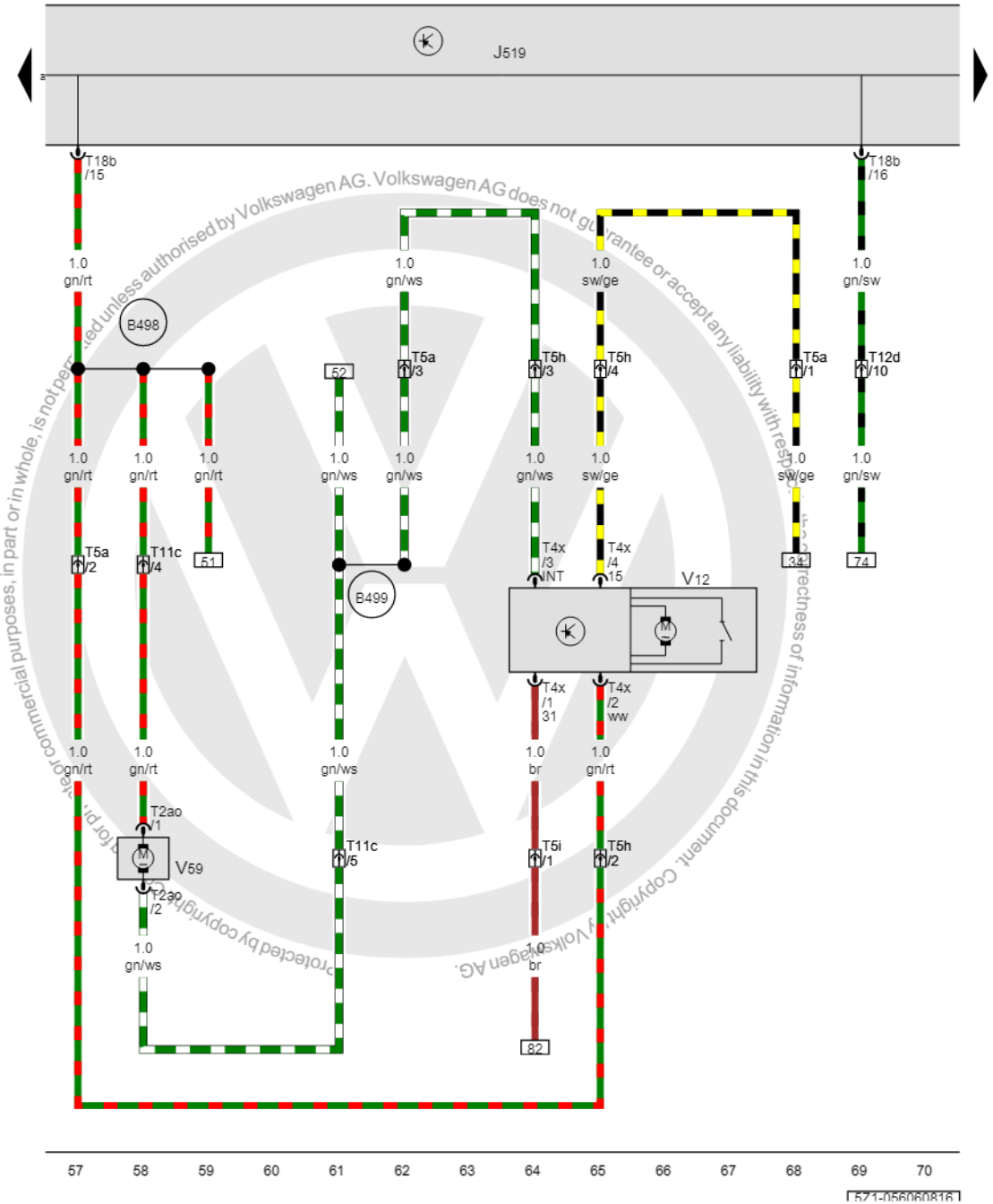
Intermittent wiper switch, Onboard supply control unit

E22	Intermittent wiper switch
J519	Onboard supply control unit
SB28	Fuse 28 on fuse holder B
T8c	8-pin connector
T16b	16-pin connector
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near gear stick



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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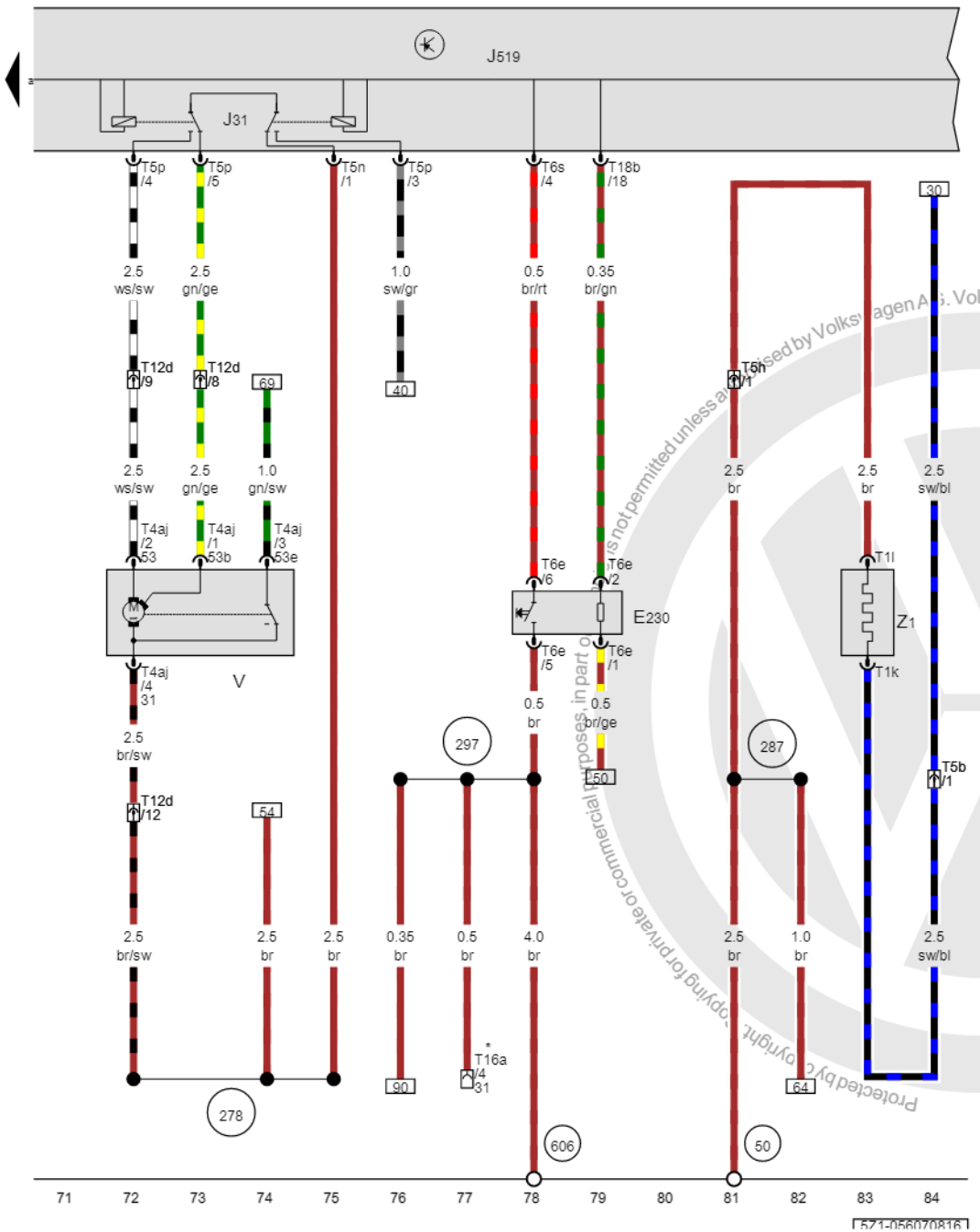


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Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump

J519	Onboard supply control unit
T2ao	2-pin connector
T4x	4-pin connector
T5a	5-pin connector, behind rear left side trim, near wheel arch
T5h	5-pin connector, in rear lid
T5i	5-pin connector, in rear lid
T11c	11-pin connector, on left in plenum chamber
T12d	12-pin connector, on left in plenum chamber
T18b	18-pin connector
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
B498	Connection 1 (53c), in interior wiring harness
B499	Connection 2 (53c), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Heated rear window button, Automatic intermittent wash and wipe relay, Onboard supply control unit, Windscreen wiper motor, Heated rear window

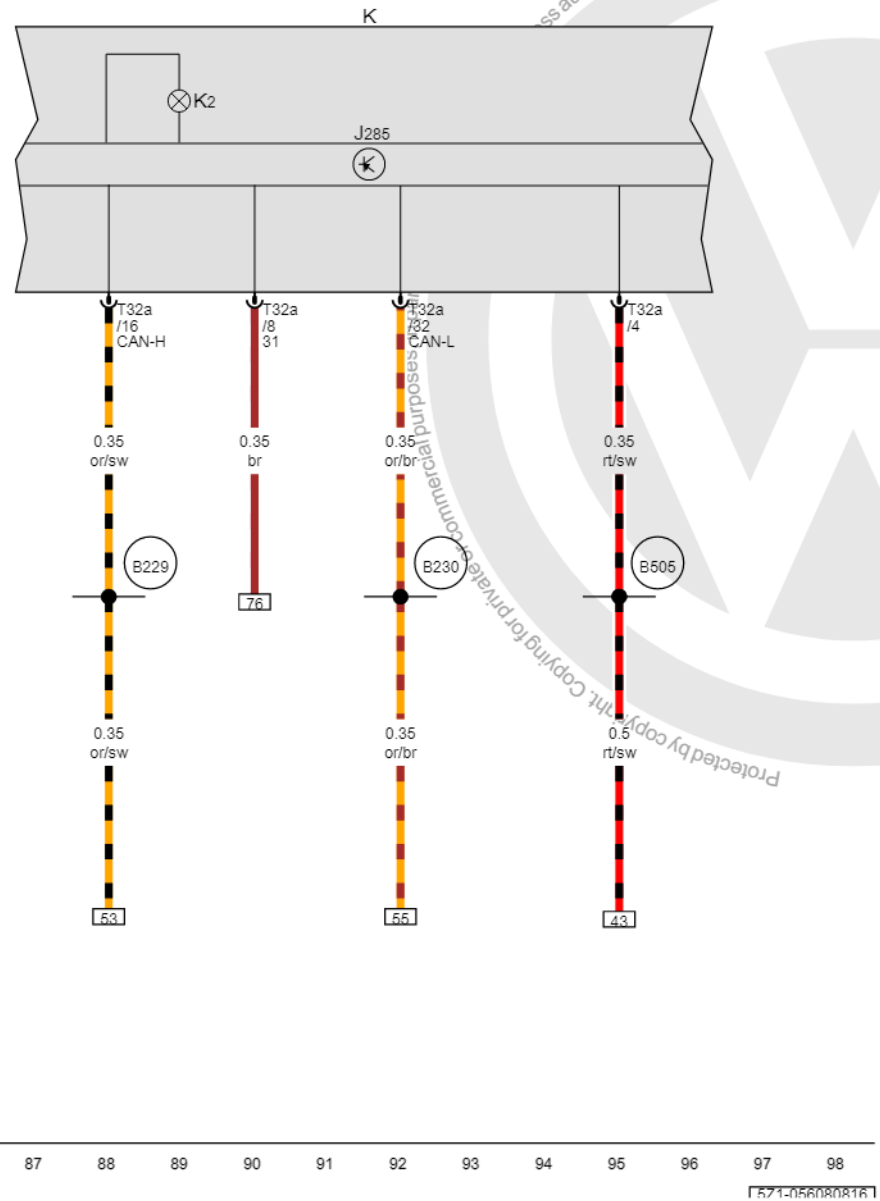
E230	Heated rear window button
J31	Automatic intermittent wash and wipe relay
J519	Onboard supply control unit
T1k	Single connector
T1l	Single connector
T4aj	4-pin connector
T5b	5-pin connector, behind rear left side trim, near wheel arch
T5h	5-pin connector, in rear lid
T5n	5-pin connector
T5p	5-pin connector
T6e	6-pin connector
T6s	6-pin connector
T12d	12-pin connector, on left in plenum chamber
T16a	16-pin connector
T18b	18-pin connector
V	Windscreen wiper motor
Z1	Heated rear window
50	Earth point, on left in luggage compartment
278	Earth connection 4, in interior wiring harness
287	Earth connection, in rear lid feeder wiring harness
297	Earth connection 12, in interior wiring harness
606	Earth point, under the centre console near gear stick
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
T32a	32-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B505	Positive connection 9 (30a), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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rs	=	pink

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1.2 l - Simos 9.1 - 40 kW, engine code BMD (Europe)

from July 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

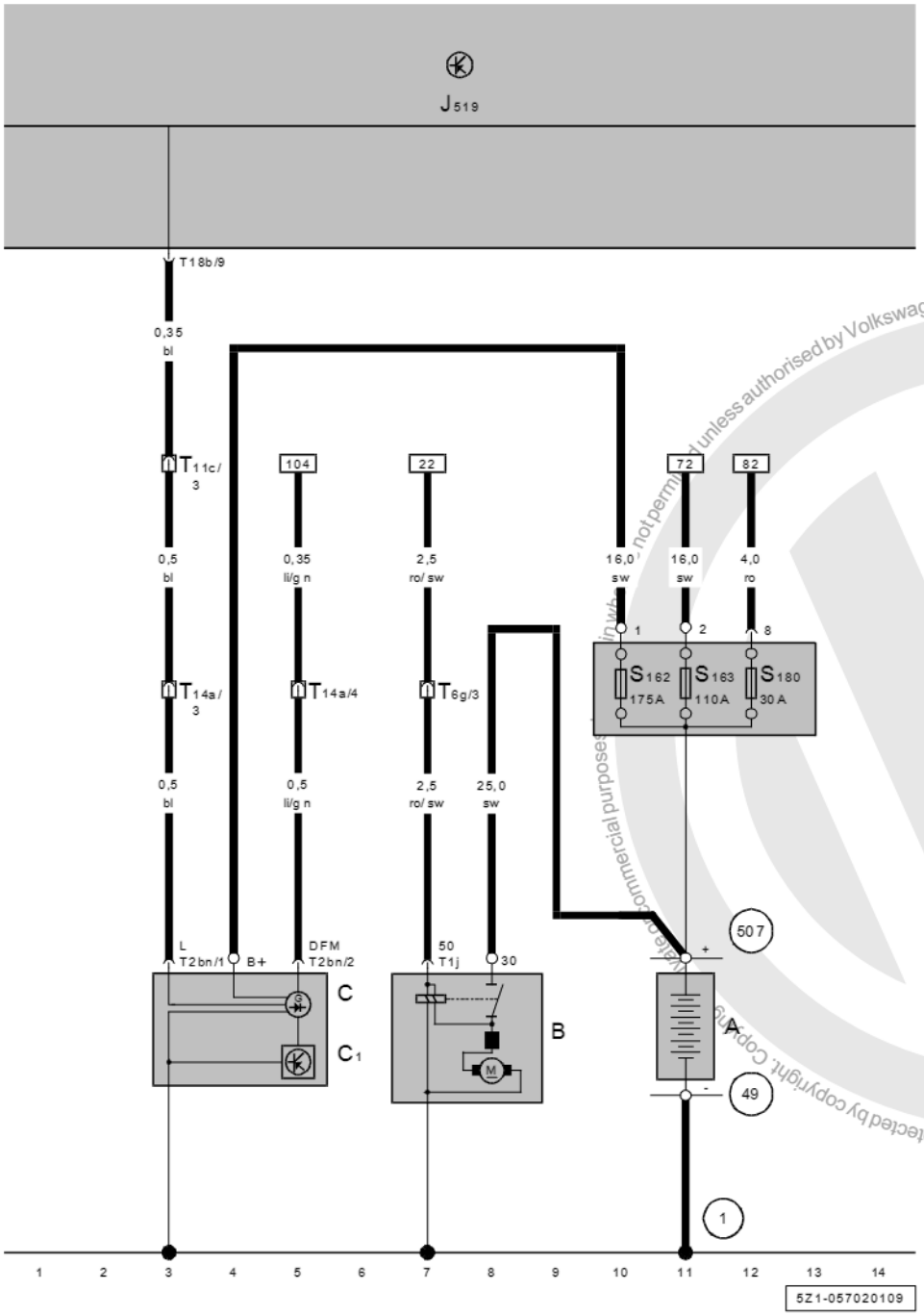
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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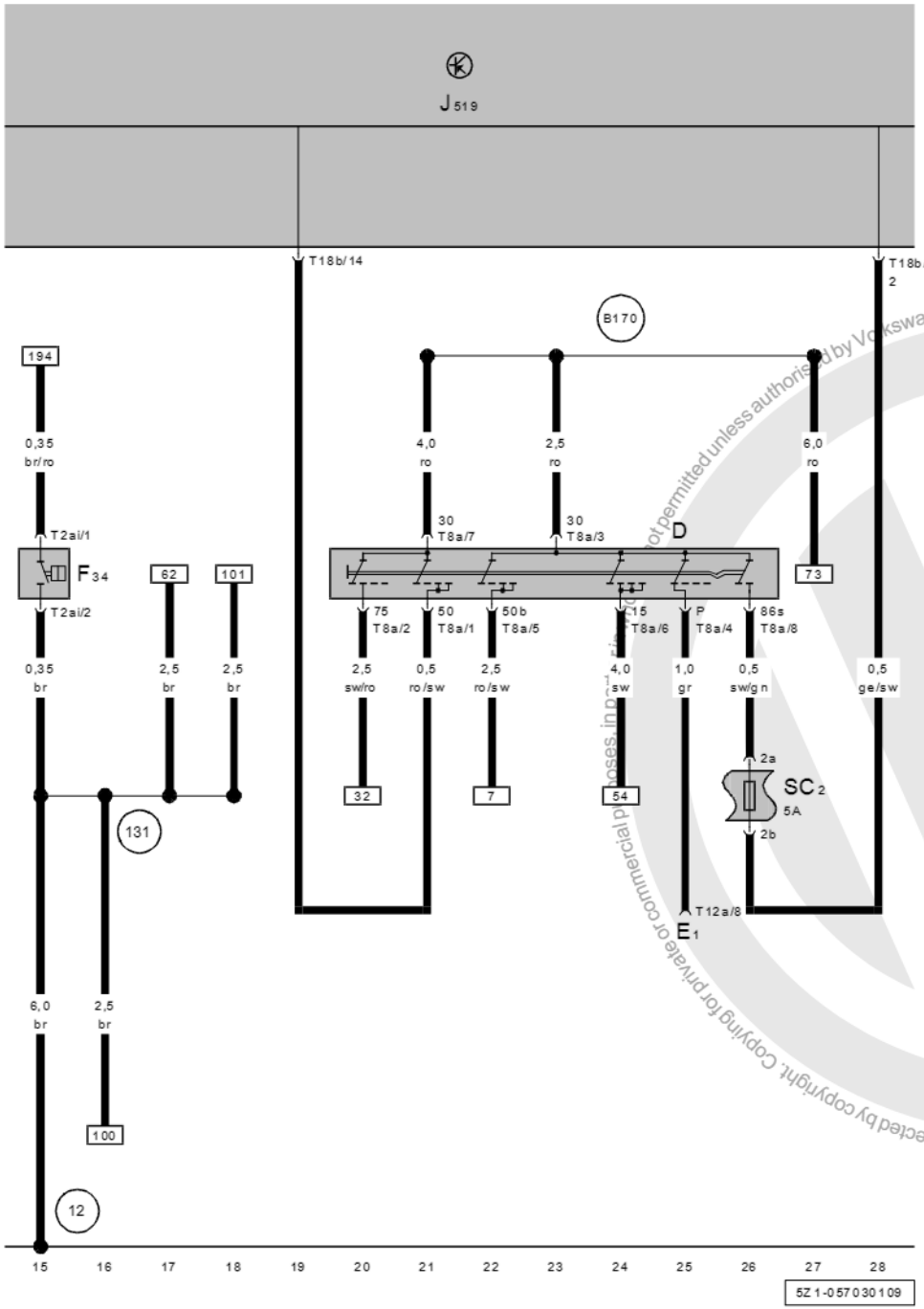


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2bn	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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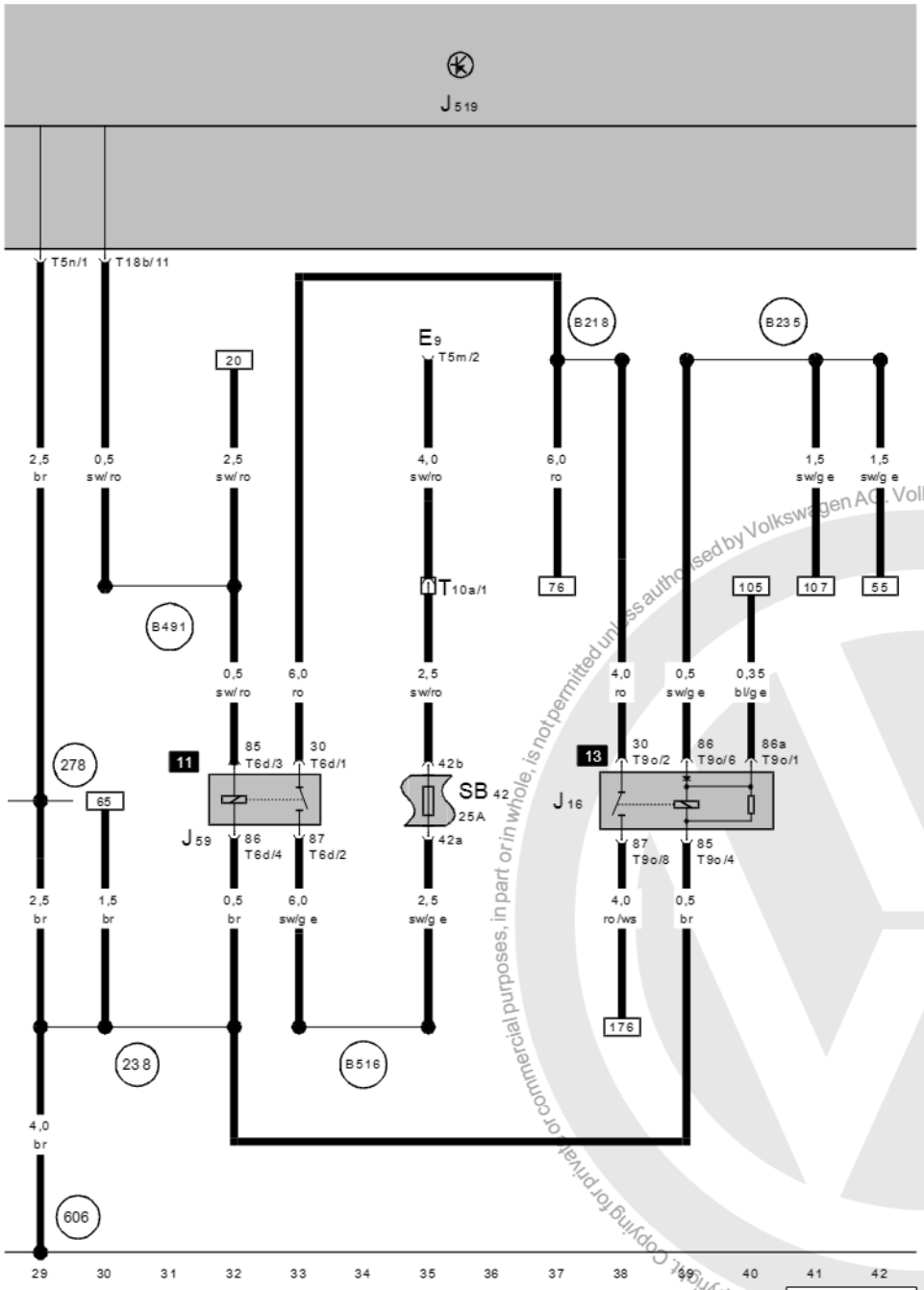


Ignition/starter switch, brake fluid level warning contact, onboard supply control unit

D	Ignition/starter switch
E1	Light switch
F34	Brake fluid level warning contact
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T2ai	2-pin connector, on brake fluid level warning contact
T8a	8-pin connector, on ignition/starter switch
T12a	12-pin connector, on light switch
T18b	18-pin connector, on onboard supply control unit
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
B170	Positive connection 2 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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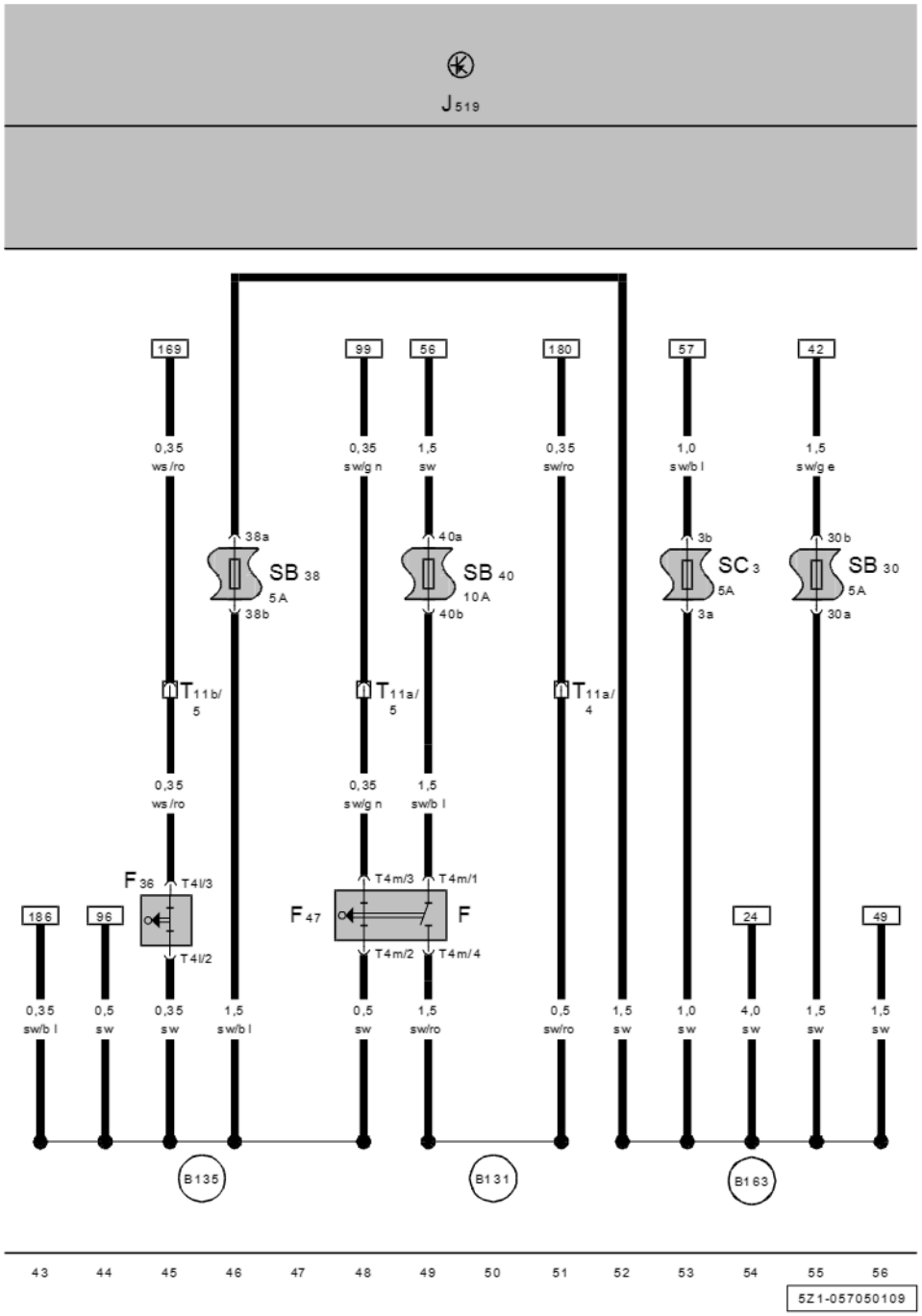


Current supply relay, X-contact relief relay, onboard supply control unit

E9	Fresh air blower switch
J16	Current supply relay
J59	X-contact relief relay
J519	Onboard supply control unit
SB42	Fuse 42 on fuse holder B
T5m	5-pin connector, on fresh air blower switch
T5n	5-pin connector, on onboard supply control unit
T6d	6-pin connector, on X-contact relief relay
T9o	9-pin connector, on current supply relay
T10a	10-pin connector, behind centre dash panel
T18b	18-pin connector, on onboard supply control unit
238	Earth connection 1, in interior wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near selector lever
B218	Positive connection 6 (30), in interior wiring harness
B235	Positive connection 4 (15a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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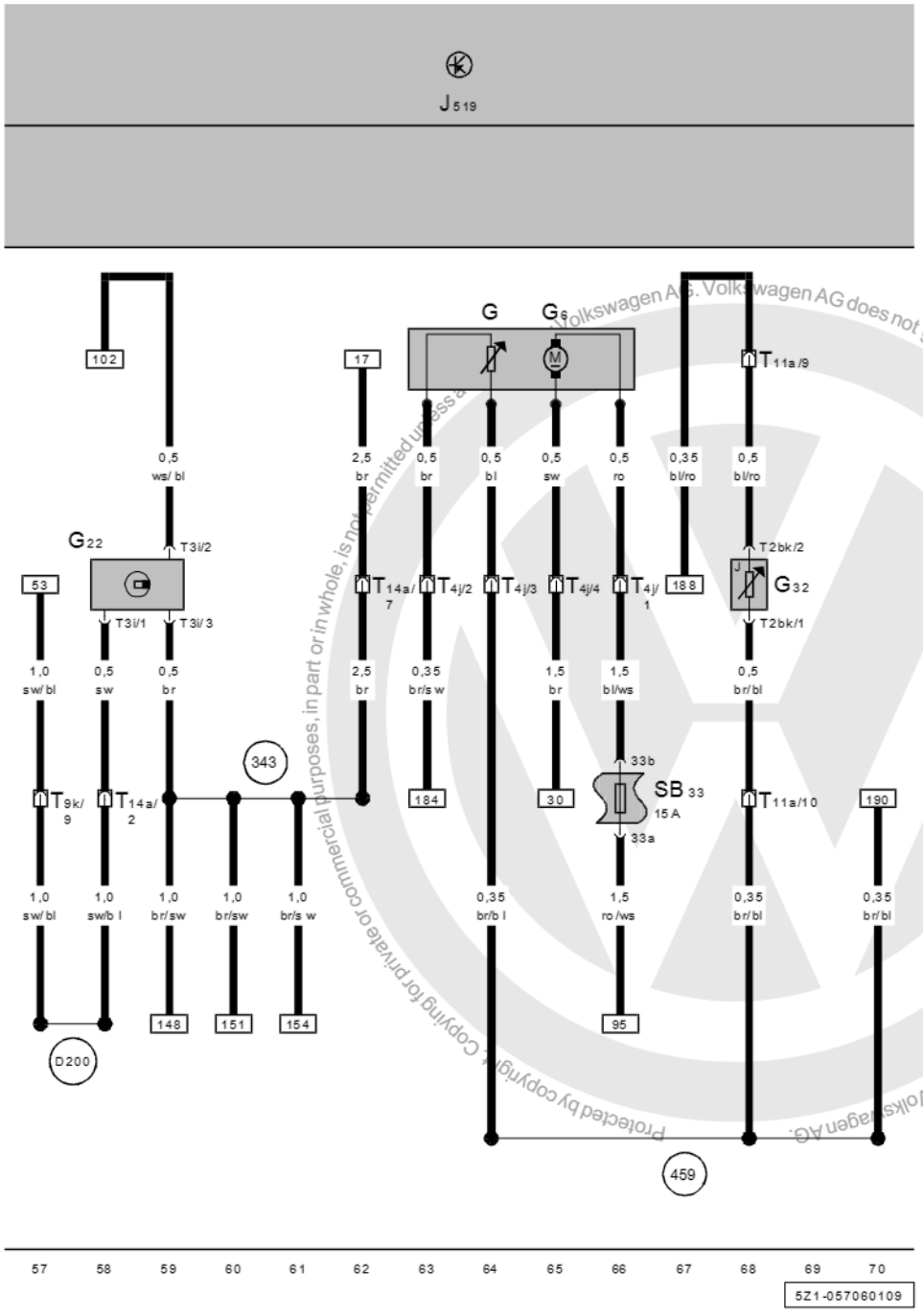


Brake light switch, clutch pedal switch, brake pedal switch, onboard supply control unit

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J519	Onboard supply control unit
SB30	Fuse 30 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
SC3	Fuse 3 on fuse holder C
T4l	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake light switch
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
B131	Connection (54), in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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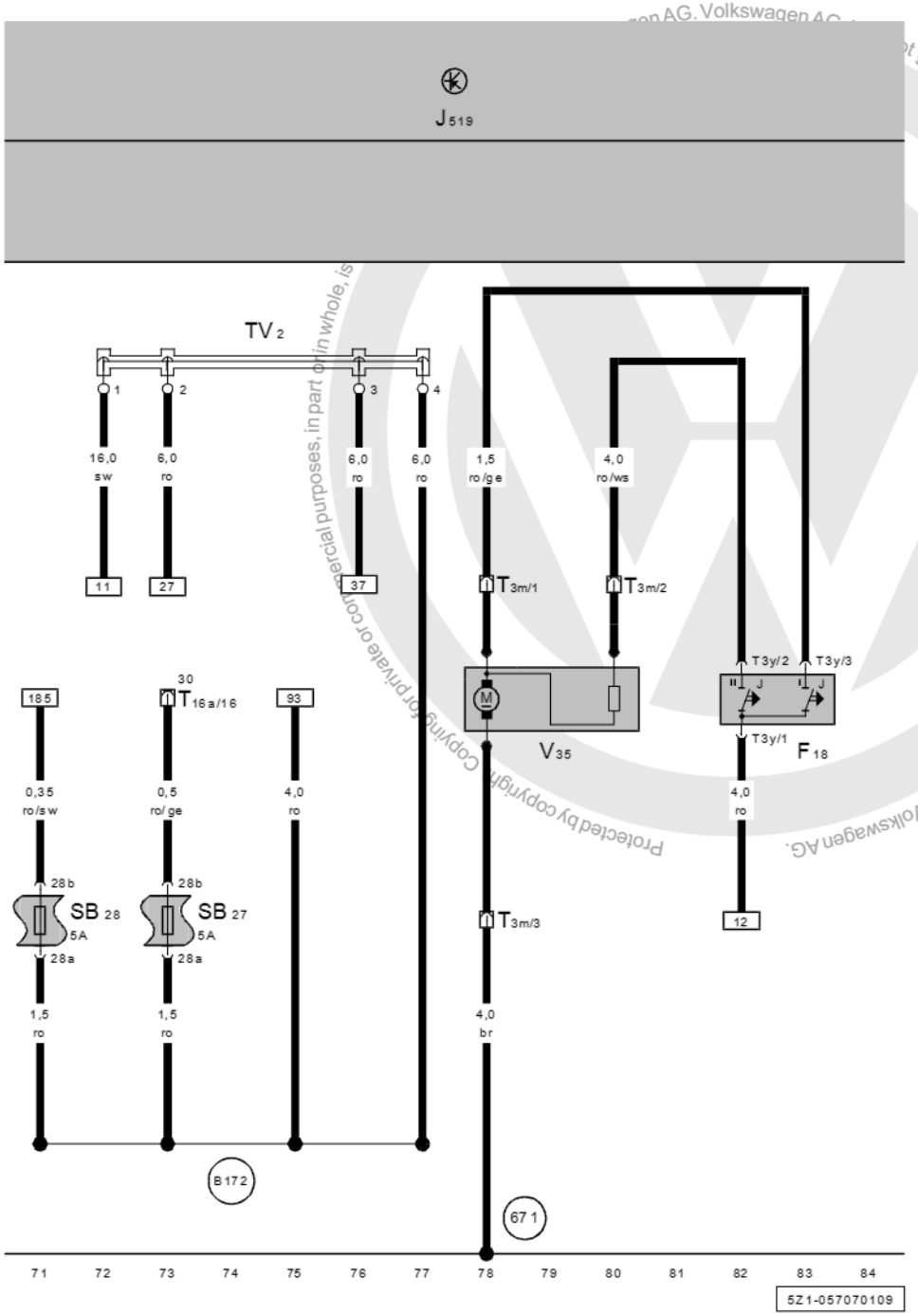


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Fuel gauge sender, fuel system pressurisation pump, speedometer sender, coolant shortage indicator sender, onboard supply control unit

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G22	Speedometer sender
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
SB33	Fuse 33 on fuse holder B
T2bk	2-pin connector, on coolant shortage indicator sender
T3i	3-pin connector, on speedometer sender
T4j	4-pin connector, under right seat bench
T9k	9-pin connector, in left engine compartment
T11a	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
343	Earth connection (ignition coil), in injection system wiring harness
459	Earth connection 15, in interior wiring harness
D200	Positive connection 3 (15a), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

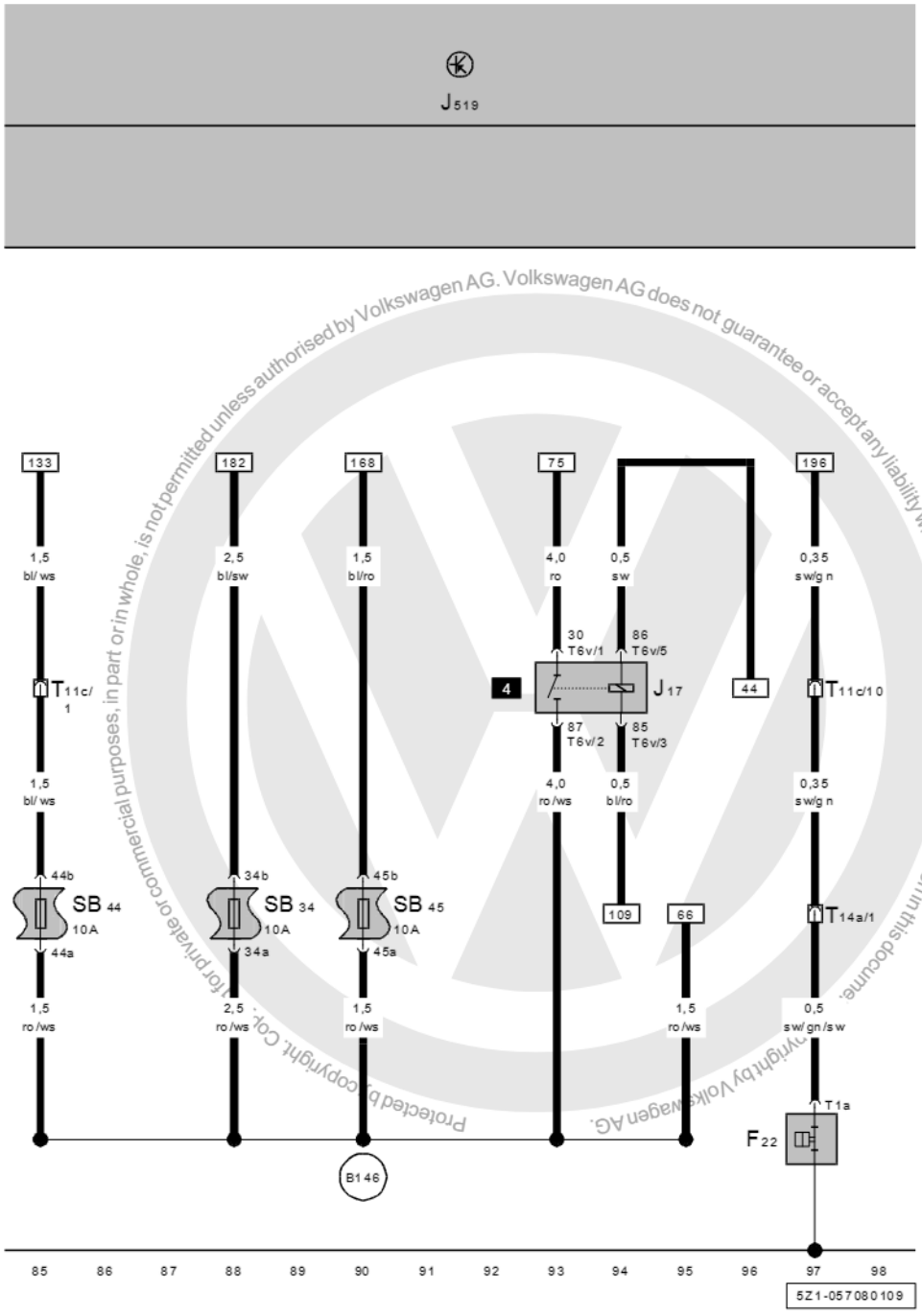


Radiator fan thermal switch, onboard supply control unit, terminal 30 wiring junction, radiator fan on right of radiator

F18	Radiator fan thermal switch
J519	Onboard supply control unit
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
T3m	3-pin connector, on radiator fan on right
T3y	3-pin connector, on radiator fan thermal switch
T16a	16-pin connector, on fuse holder
TV2	Terminal 30 wiring junction
V35	Right radiator fan
671	Earth point 1, on front of left longitudinal member
B172	Positive connection 4 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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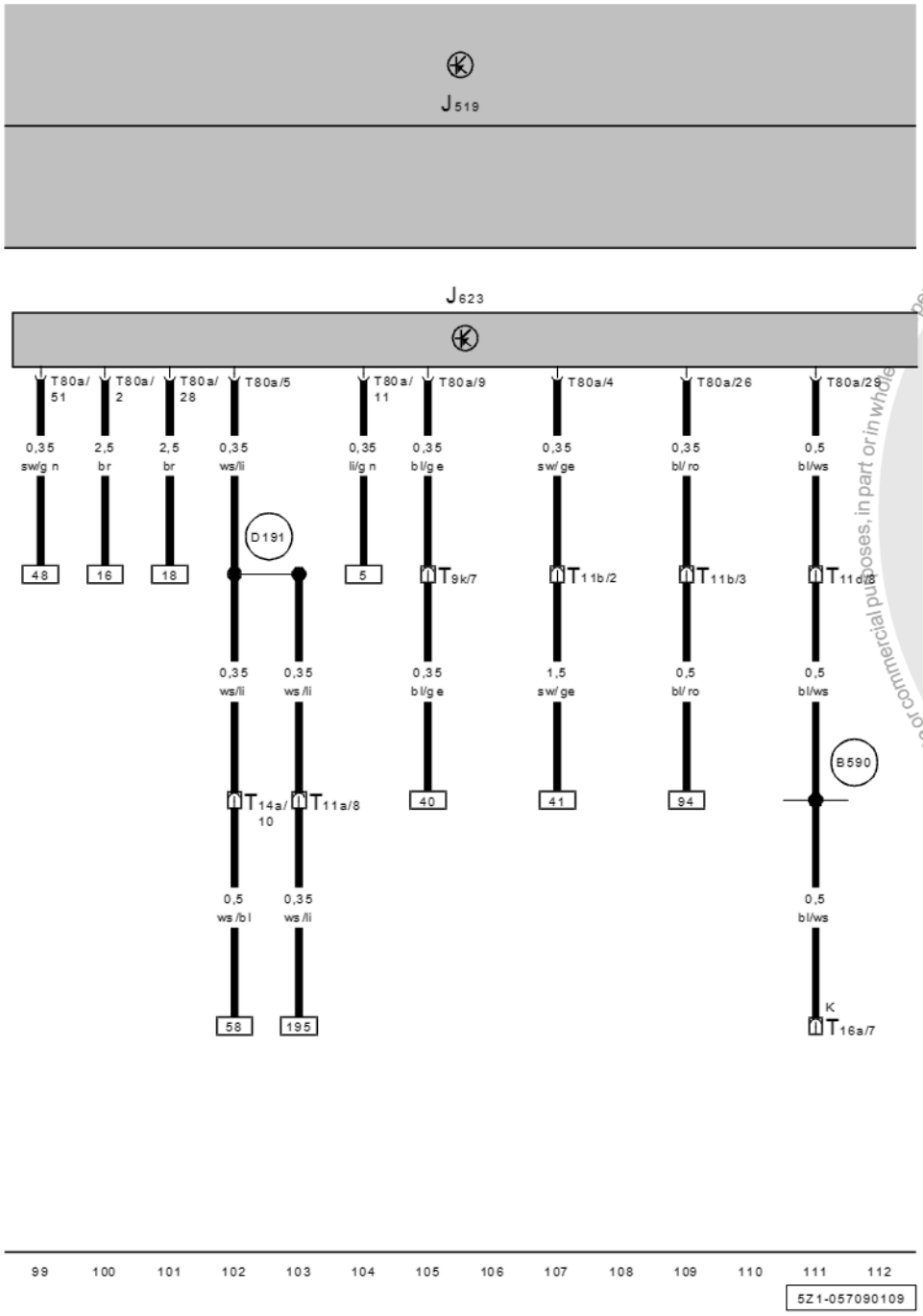


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Oil pressure switch, fuel pump relay, onboard supply control unit

F22	Oil pressure switch
J17	Fuel pump relay
J519	Onboard supply control unit
SB34	Fuse 34 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
T1a	Single pin connector, on oil pressure switch
T6v	6-pin connector, on fuel pump relay
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
B146	Positive connection 1 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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li	=	purple
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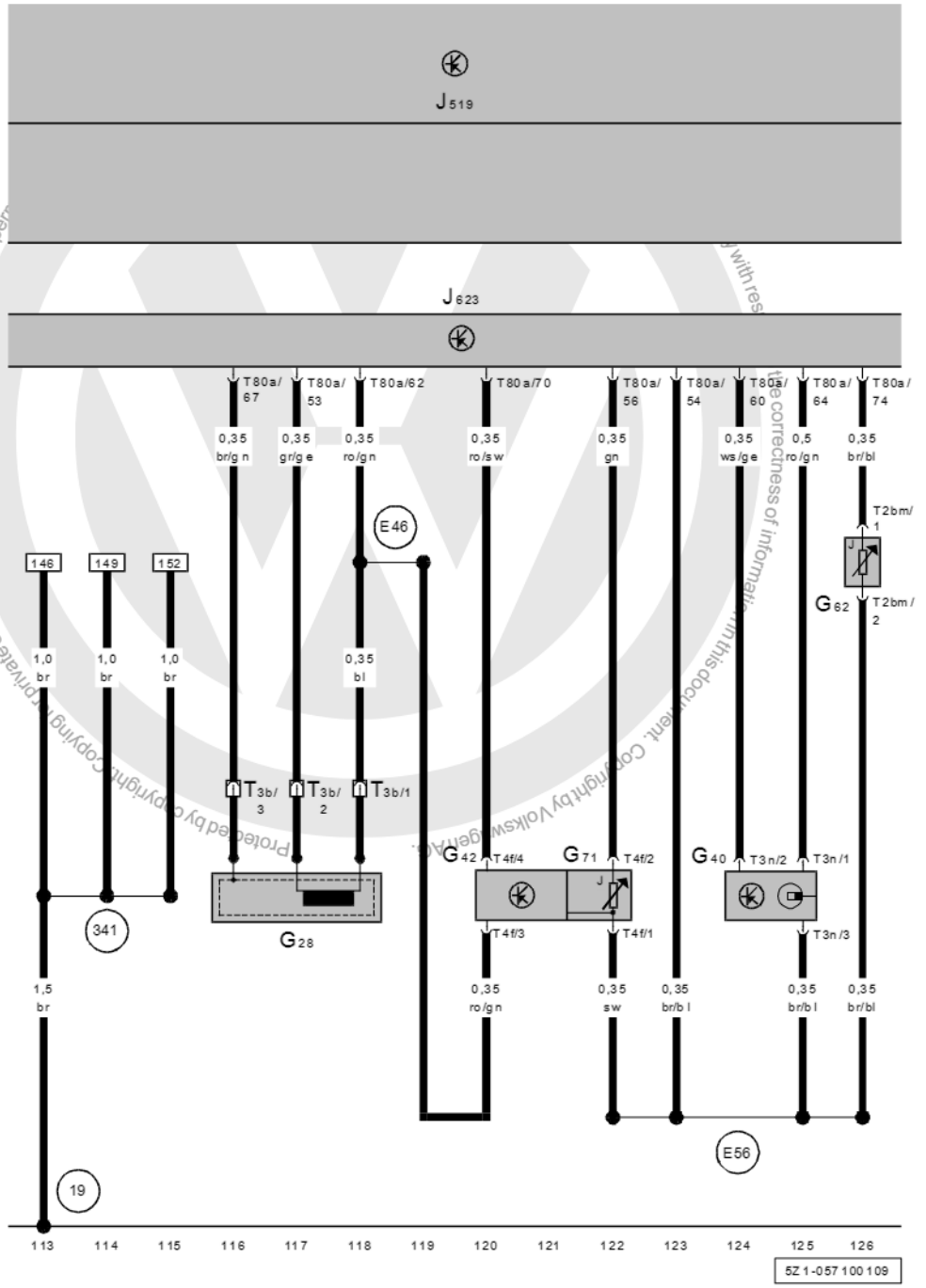


Onboard supply control unit, engine control unit

J519	Onboard supply control unit
J623	Engine control unit
T9k	9-pin connector, in left engine compartment
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T11d	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T16a	16-pin connector, on fuse holder
T80a	80-pin connector, on engine control unit
B590	Connection (K-diagnosis wiring), in interior wiring harness
D191	Connection (speedometer sender), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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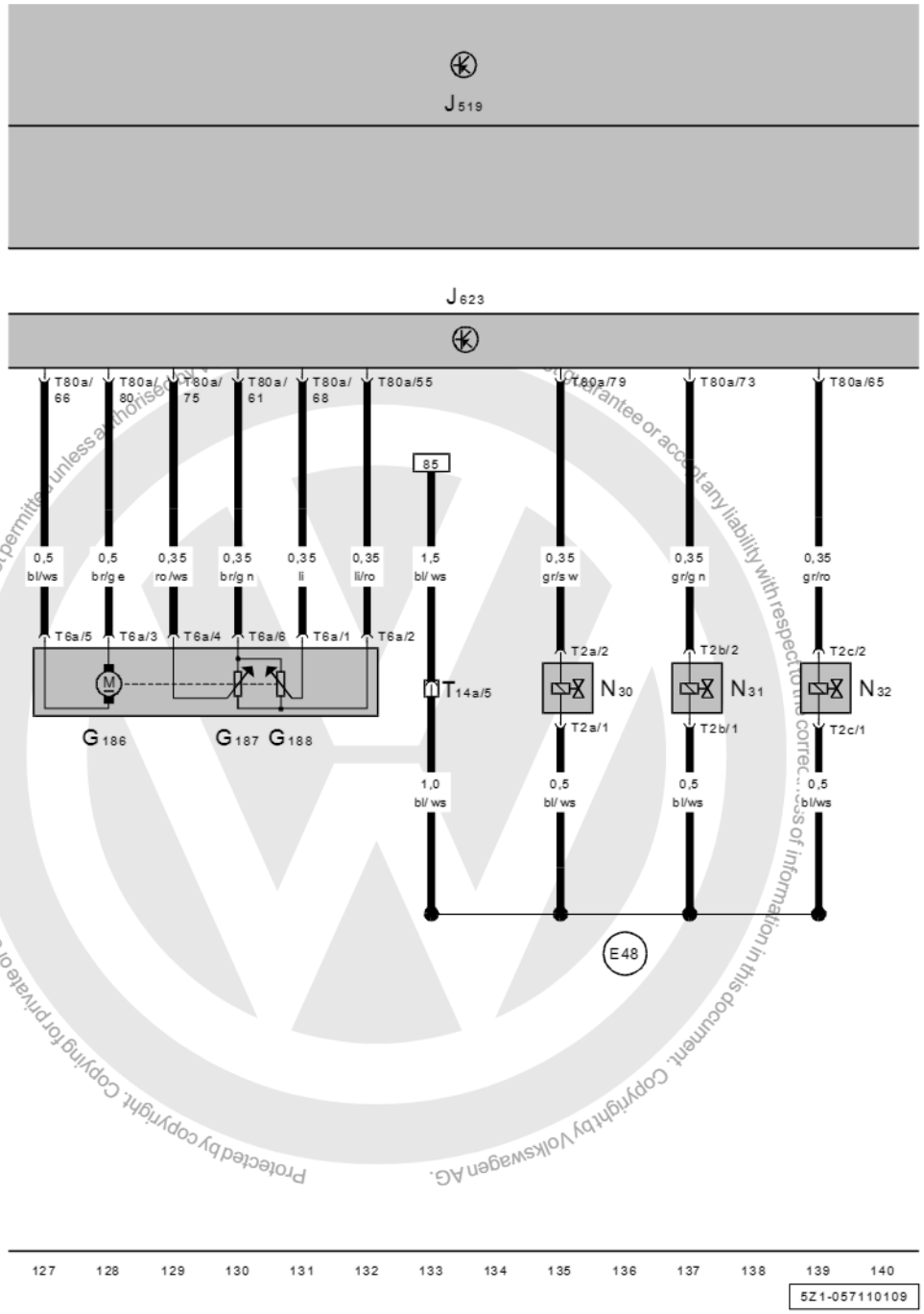


Engine speed sender, Hall sender, intake air temperature sender, coolant temperature sender, intake manifold pressure sender, engine control unit

G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G71	Intake manifold pressure sender
J519	Onboard supply control unit
J623	Engine control unit
T2bm	2-pin connector, on coolant temperature sender
T3b	3-pin connector, in right engine compartment
T3n	3-pin connector, on Hall sender
T4f	4-pin connector, on intake air temperature sender
T80a	80-pin connector, on engine control unit
19	Earth point, near coil
341	Earth connection 3, in injection system wiring harness
E46	Positive connection 1 (5 Volt), in injection system wiring harness
E56	Positive connection 1, in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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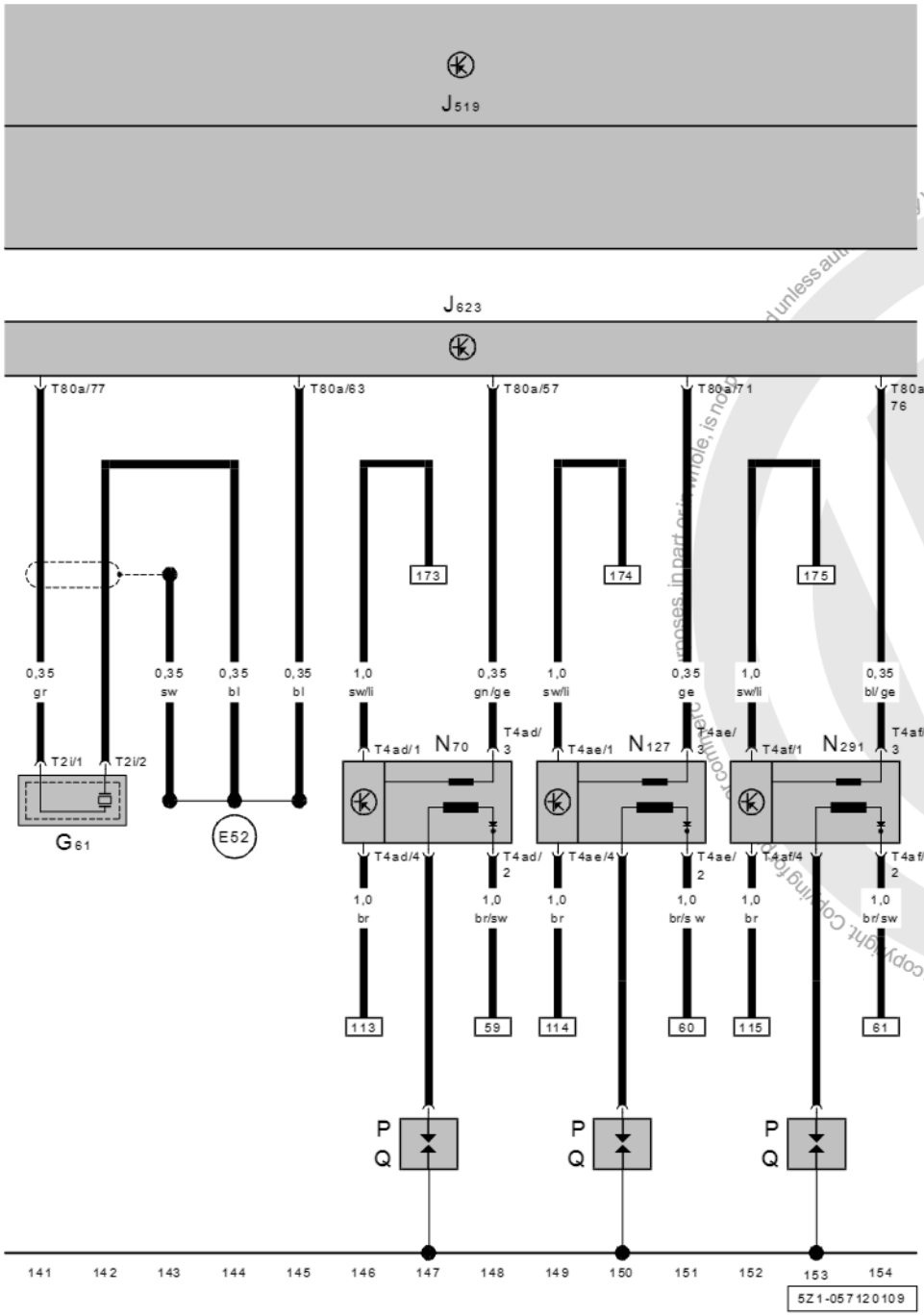


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Throttle valve drive for electric throttle (EPC), onboard supply control unit, engine control unit, injector, cylinder 1, injector, cylinder 2, injector, cylinder 3

G186	Throttle valve drive for electric throttle (EPC)
G187	Throttle valve drive angle sender 1 for electric throttle (EPC)
G188	Throttle valve drive angle sender 2 for electric throttle (EPC)
J519	Onboard supply control unit
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
T2a	2-pin connector, on injector, cylinder 1
T2b	2-pin connector, on injector, cylinder 2
T2c	2-pin connector, on injector, cylinder 3
T6a	6-pin connector, on throttle valve drive angle sender 1 for electric throttle (EPC)
T14a	14-pin connector, in left engine compartment
T80a	80-pin connector, on engine control unit
E48	Connection (injectors), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
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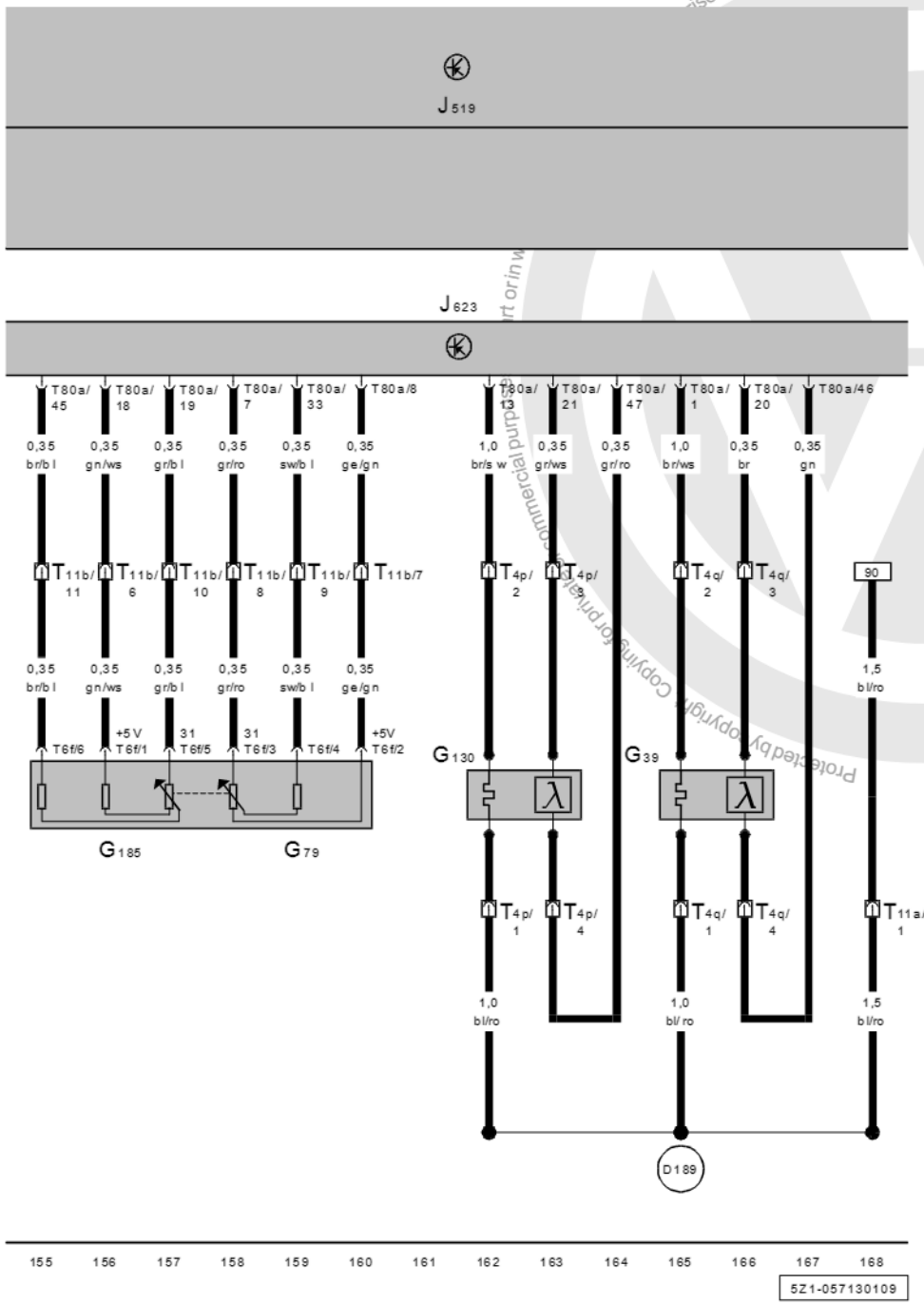


Knock sensor 1, onboard supply control unit, engine control unit, ignition coil 1 with output stage, ignition coil 2 with output stage, spark plug connector, spark plugs

G61	Knock sensor 1
J519	Onboard supply control unit
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
P	Spark plug connector
Q	Spark plugs
T2i	2-pin connector, on knock sensor 1
T4ad	4-pin connector, on ignition coil 1 with output stage
T4ae	4-pin connector, on ignition coil 2 with output stage
T4af	4-pin connector, on ignition coil 3 with output stage
T80a	80-pin connector, on engine control unit
E52	Connection (screening), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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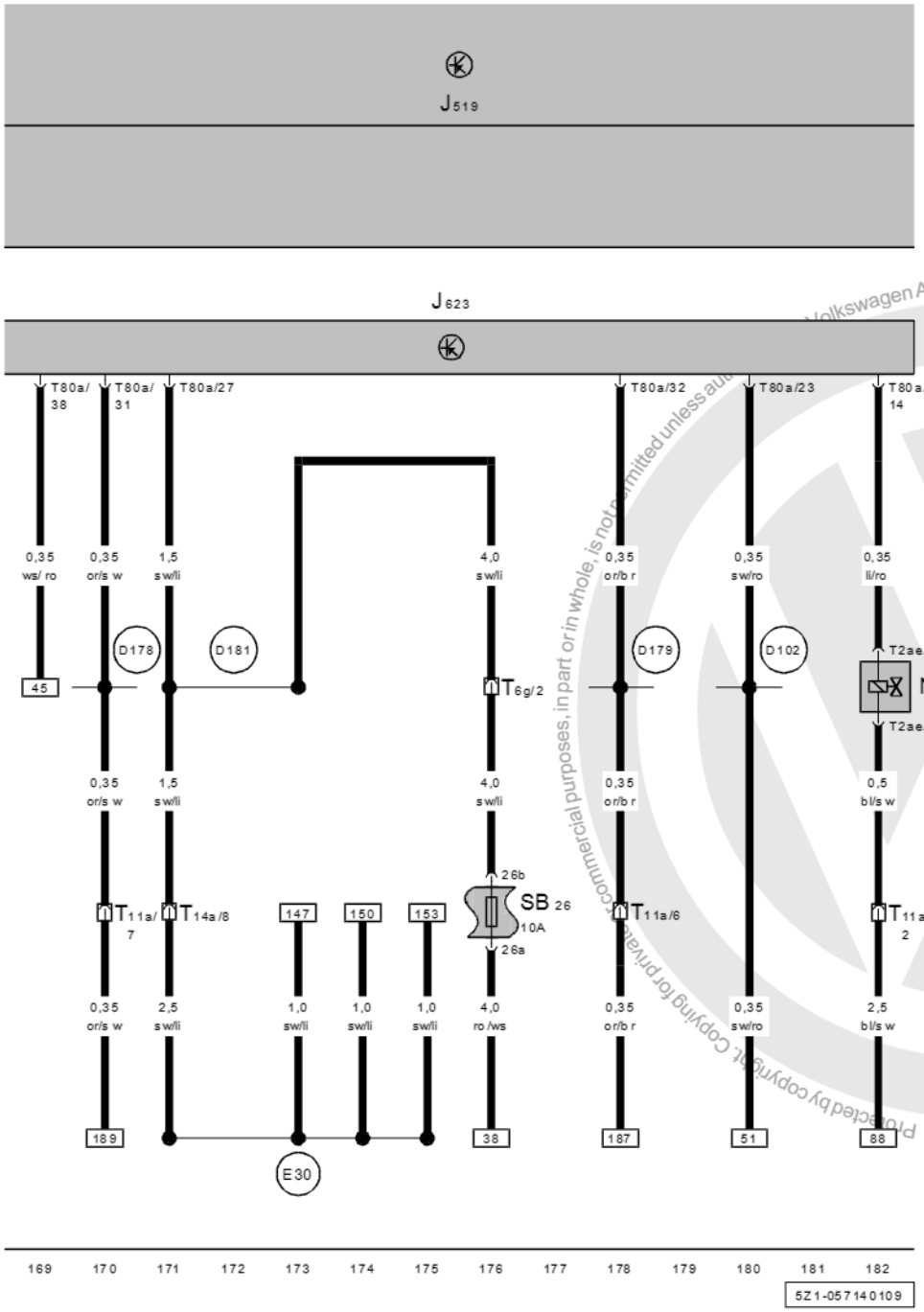


Lambda probe, accelerator position sender, lambda probe after catalytic converter, accelerator position sender 2, onboard supply control unit, engine control unit

G39	Lambda probe
G79	Accelerator position sender
G130	Lambda probe after catalytic converter
G185	Accelerator position sender 2
J519	Onboard supply control unit
J623	Engine control unit
T4p	4-pin connector, in front engine compartment
T4q	4-pin connector, in front engine compartment
T6f	6-pin connector, on accelerator position sender
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T80a	80-pin connector, on engine control unit
(D189)	Connection (87a), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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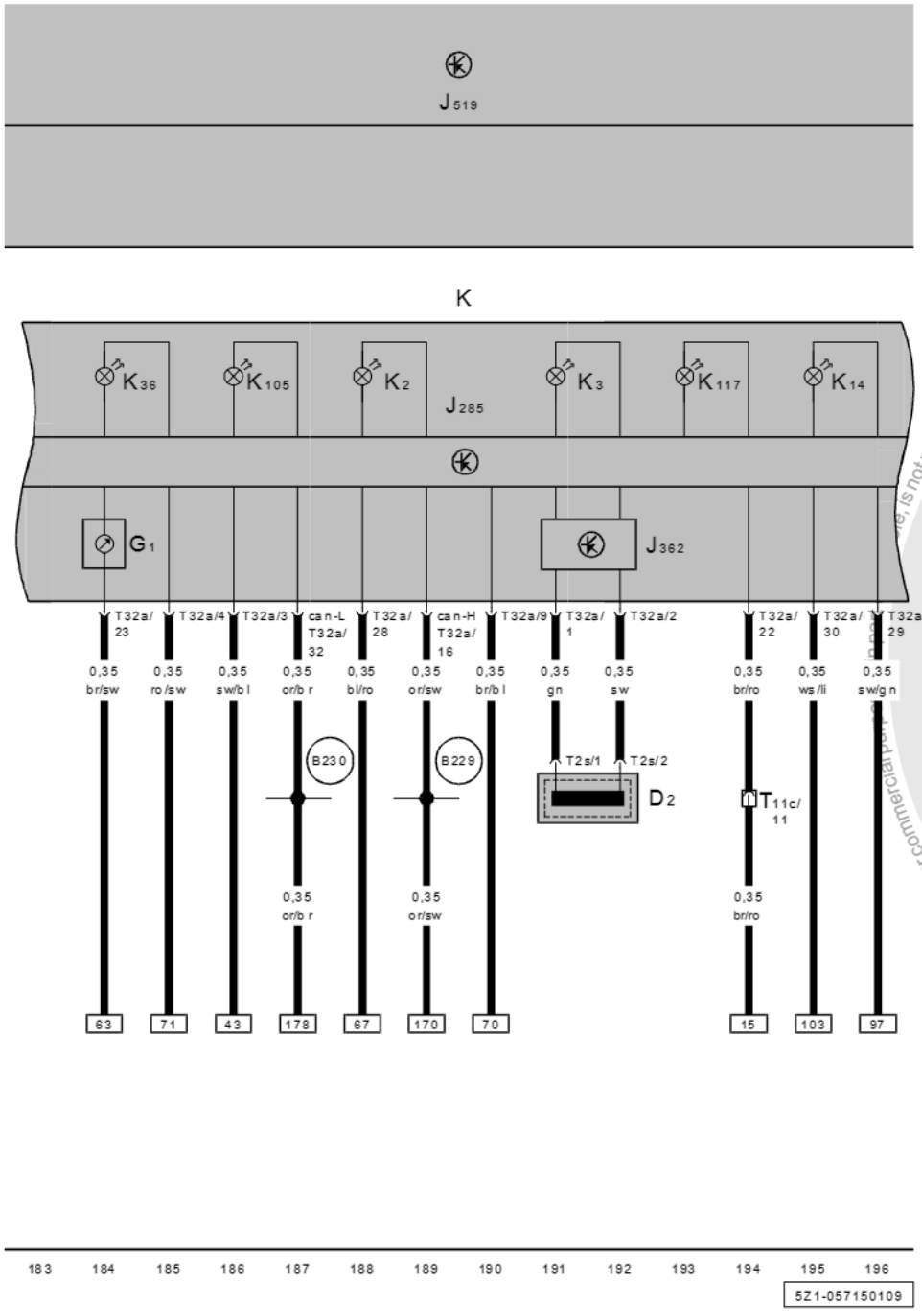


Onboard supply control unit, engine control unit, active charcoal filter system solenoid valve 1

J519	Onboard supply control unit
J623	Engine control unit
N80	Activated charcoal filter system solenoid valve 1
SB26	Fuse 26 on fuse holder B
T2ae	2-pin connector, on active charcoal filter system solenoid valve 1
T6g	6-pin connector, in left engine compartment
T11a	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T80a	80-pin connector, on engine control unit
D102	Connection 2, in engine compartment wiring harness
D178	Connection 2 (high bus), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
E30	Connection (87a), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Immobiliser reader coil, fuel gauge, control unit with display in dash panel insert, immobiliser control unit, alternator warning lamp, immobiliser warning lamp

D2	Immobilizer reader coil
G1	Fuel gauge
J285	Control unit with display in dash panel insert
J362	Immobilizer control unit
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K14	Handbrake warning lamp
K36	Coolant shortage warning lamp
K105	Reserve fuel warning lamp
K117	Immobilizer warning lamp
T2s	2-pin connector, on immobilizer reader coil
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness

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Mirror right with memory control unit for reversing

from July 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

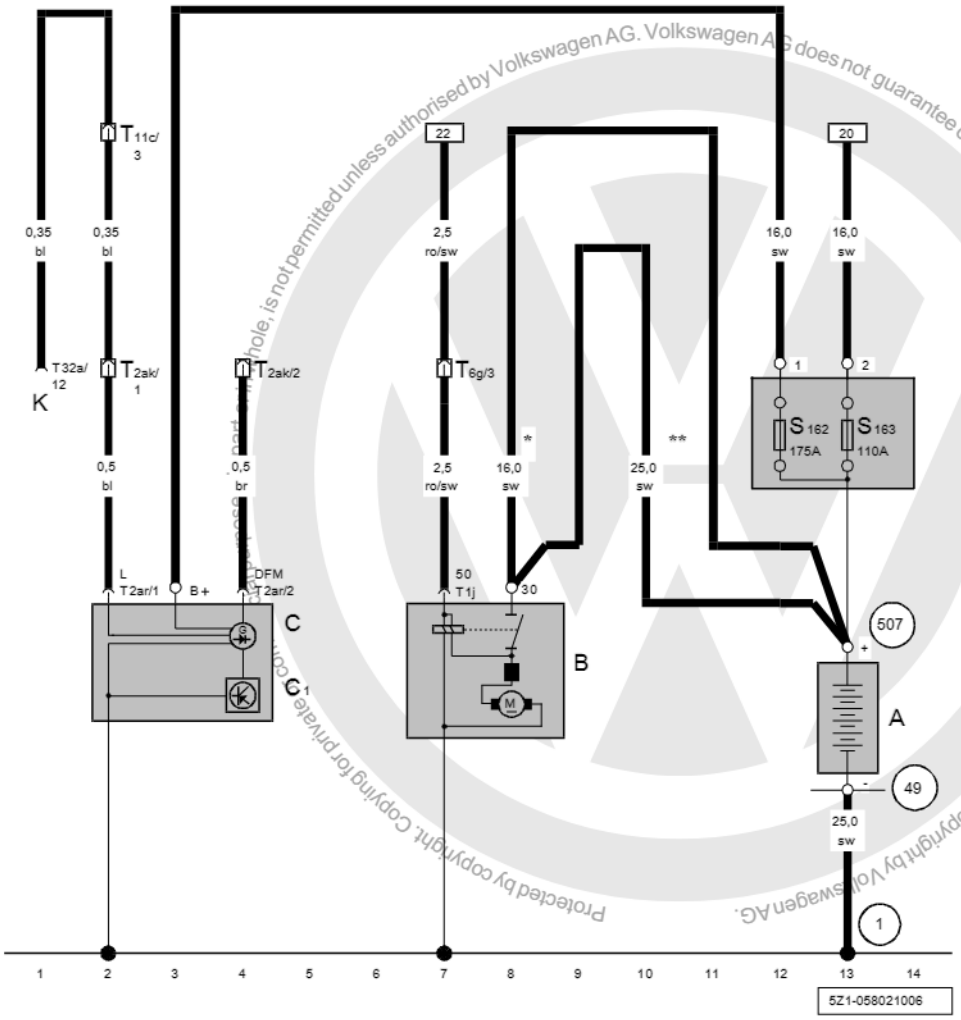
⇒ See fitting locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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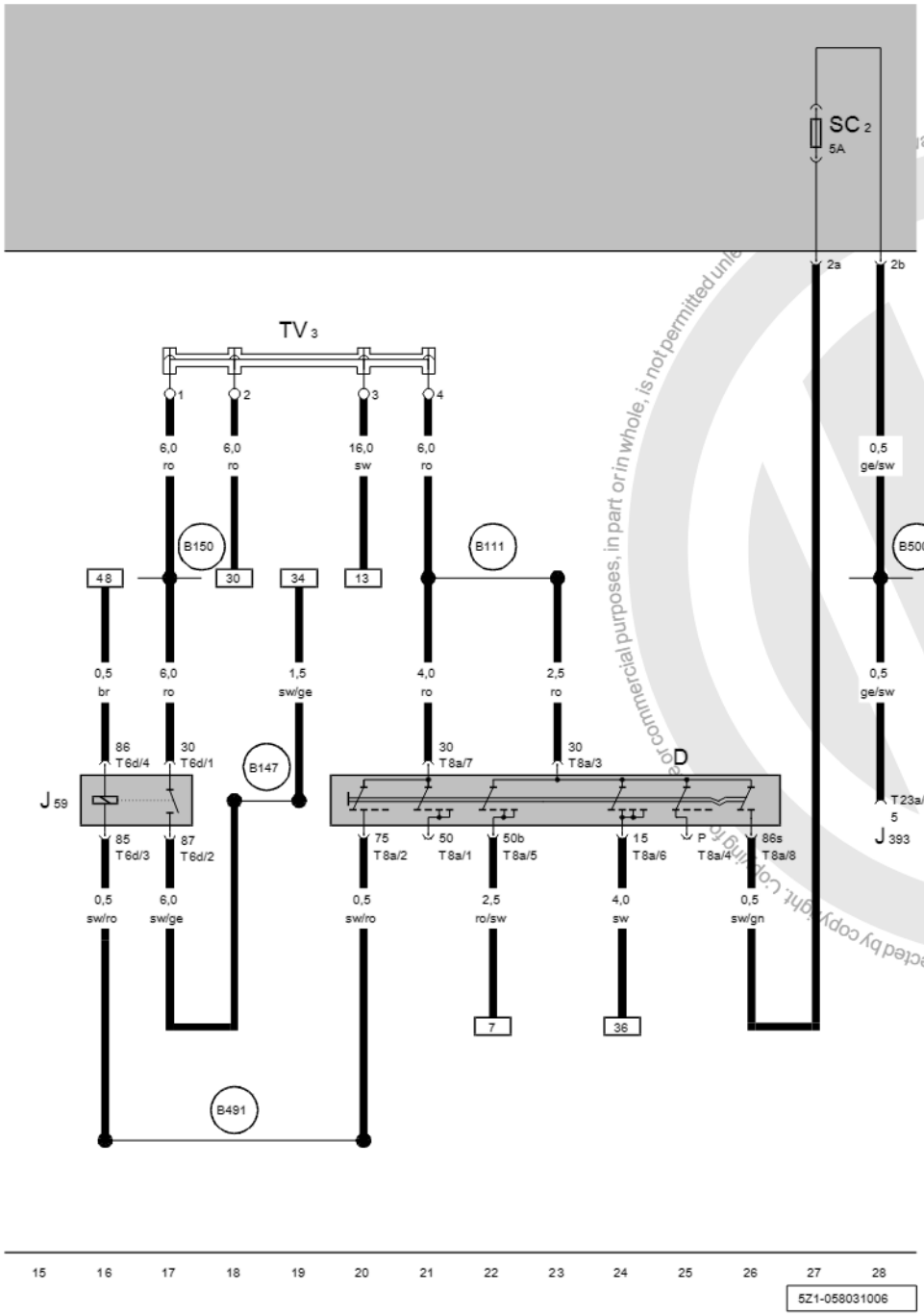


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rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, near starter
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery
*	for 1.0 l and 1.6 l engine only
**	for 1.6 l engine without air conditioning system only

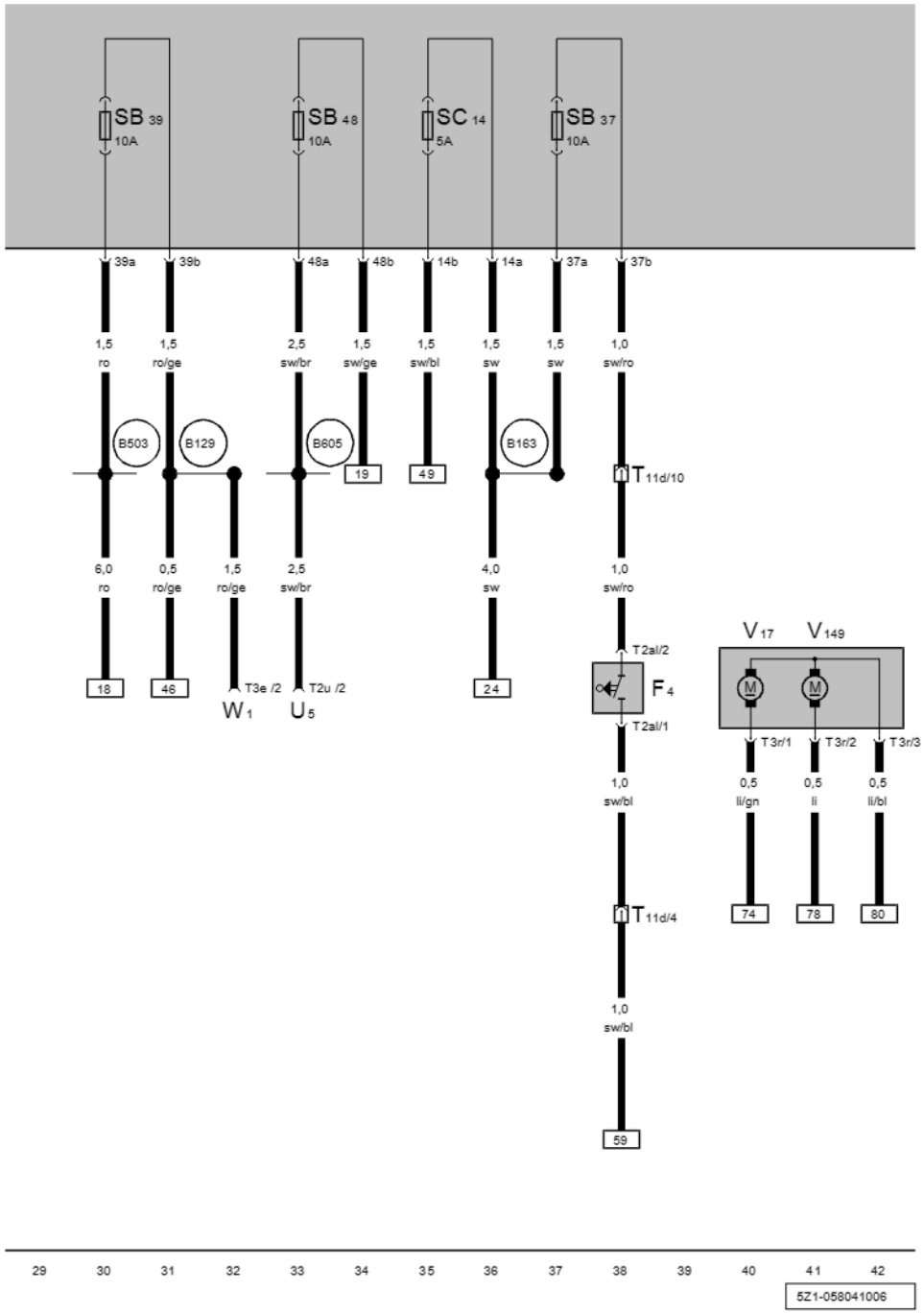


Ignition/starter switch, X-contact relief relay, terminal 30a wiring junction

D	Ignition/starter switch
J59	X-contact relief relay
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
T23a	23-pin connector, on convenience system central control unit
TV3	Terminal 30a wiring junction
B111	Positive connection 1 (30a), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness
B150	Positive connection 2 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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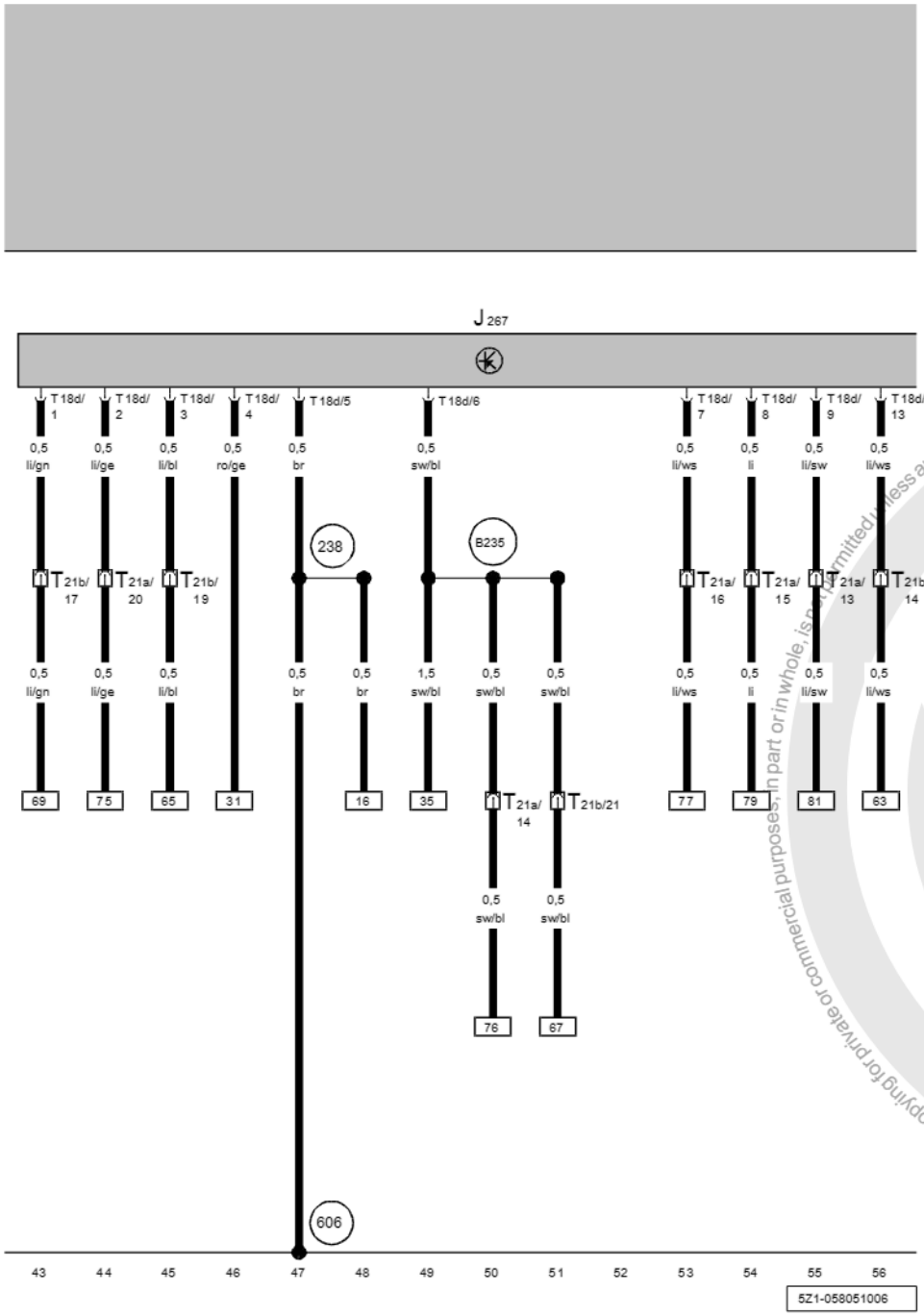


Reversing light switch, driver side mirror adjustment motor

F4	Reversing light switch
SB37	Fuse 37 on fuse holder B
SB39	Fuse 39 on fuse holder B
SB48	Fuse 48 on fuse holder B
SC14	Fuse 14 on fuse holder C
T2al	2-pin connector, on reversing light switch
T2u	2-pin connector, on 12 V socket
T3e	3-pin connector, on front interior light
T3r	3-pin connector, on driver side mirror adjustment motor
T11d	11-pin connector, brown, in left engine compartment
U5	12 V socket
V17	Driver side mirror adjustment motor
V149	Driver side mirror adjustment motor
W1	Front interior light
B129	Connection (interior light, 31L), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B503	Positive connection 7 (30a), in interior wiring harness
B605	Connection 1, in interior wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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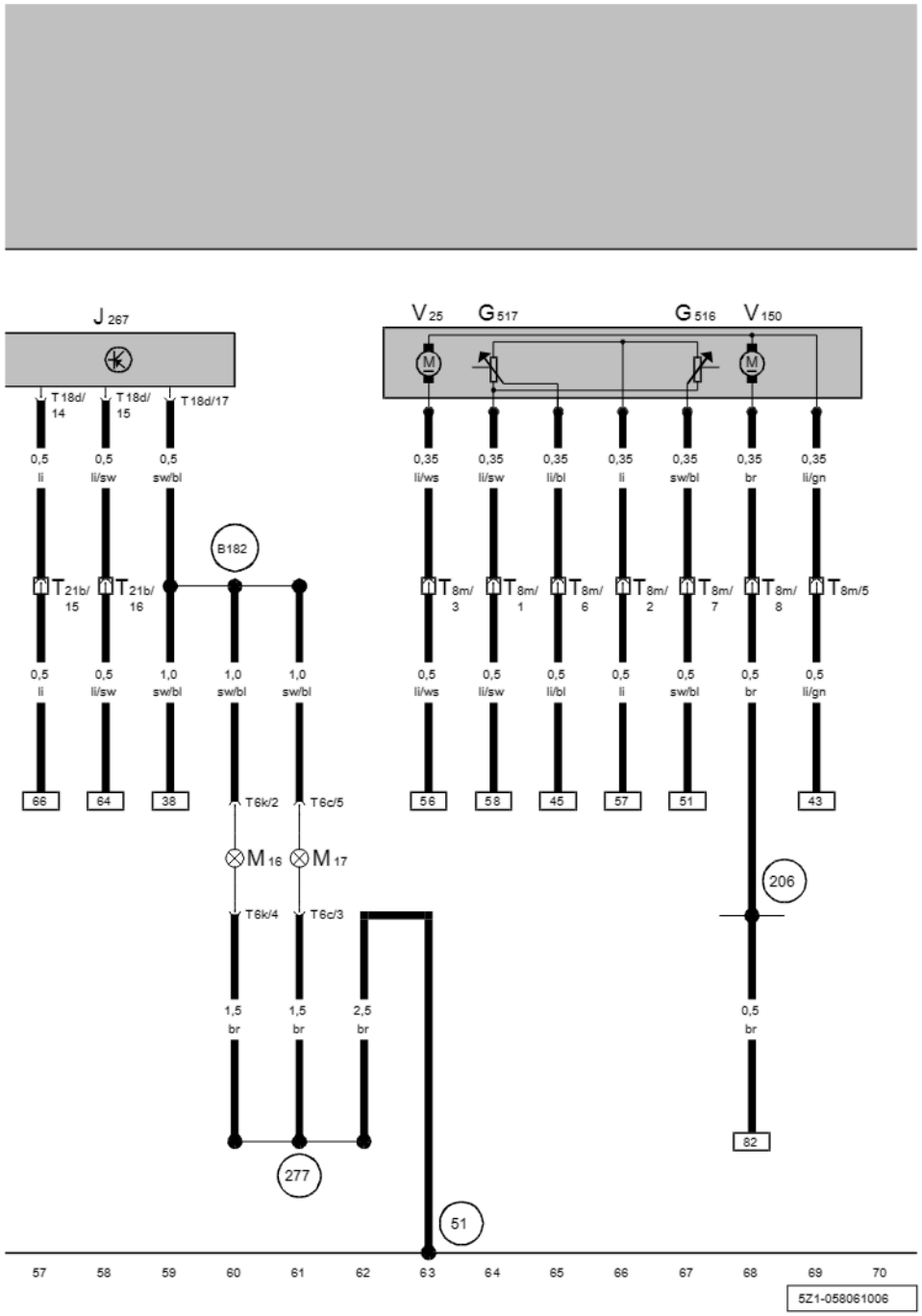


Mirror memory control unit

J267	Mirror memory control unit
T18d	18-pin connector, on mirror memory control unit
T21a	21-pin connector, in the front left door
T21b	21-pin connector, in the front right door
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B235	Positive connection 4 (15a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Potentiometer for horizontal adjustment of front passenger side mirror, potentiometer for vertical adjustment of front passenger side mirror, mirror memory control unit

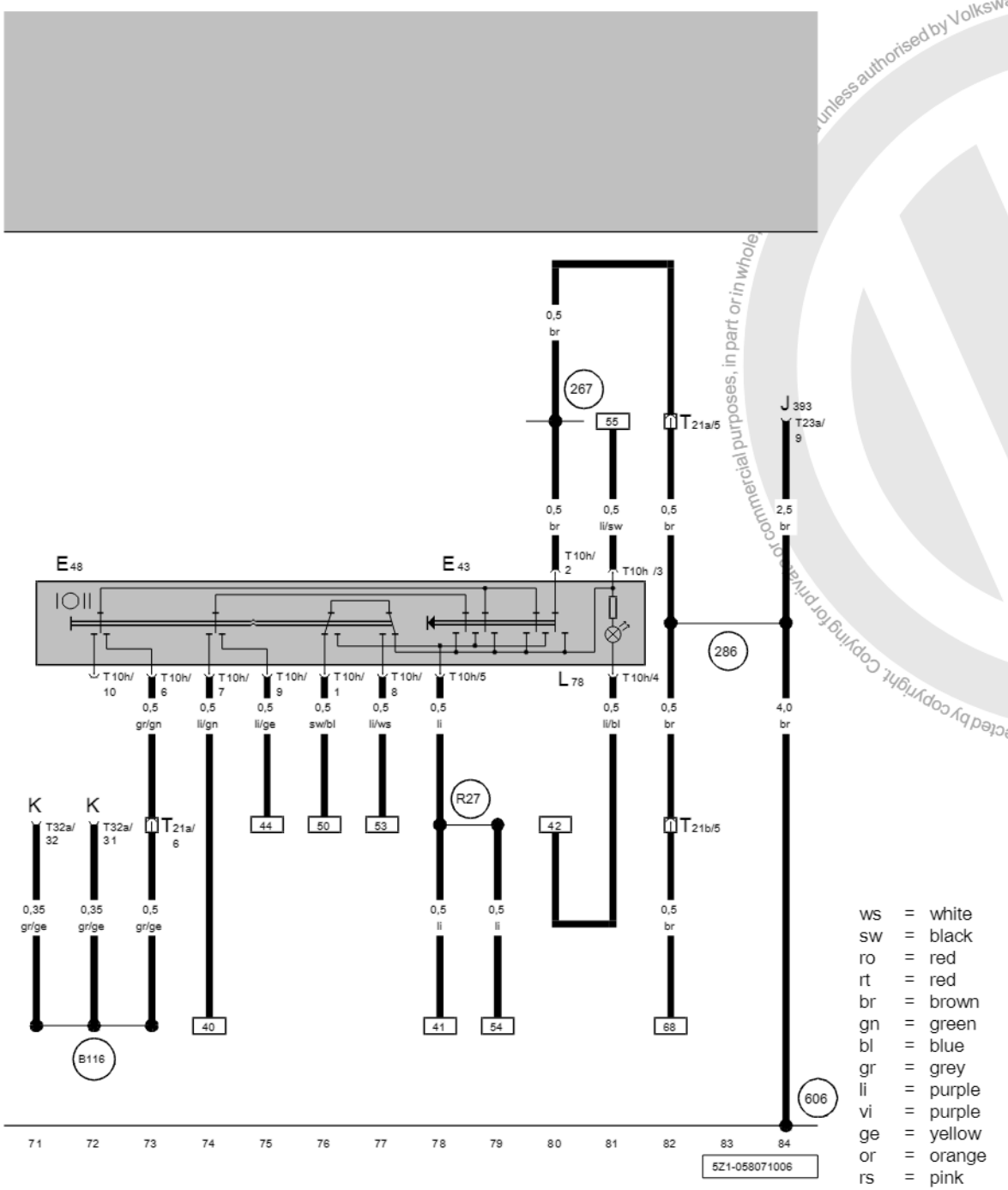
G516	Potentiometer for horizontal adjustment of front passenger side mirror
G517	Potentiometer for vertical adjustment of front passenger side mirror
J267	Mirror memory control unit
M16	Left reversing light bulb
M17	Right reversing light bulb
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
T8m	8-pin connector, in front passenger door
T18d	18-pin connector, on mirror memory control unit
T21b	21-pin connector, in the front right door
V25	Front passenger side mirror adjustment motor
V150	Front passenger side mirror adjustment motor
51	Earth point, in luggage compartment
206	Earth connection, in front passenger door wiring harness
277	Earth connection 3, in interior wiring harness
B182	Connection (RL), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Mirror adjustment switch, mirror adjustment change-over switch, mirror adjustment switch illumination bulb

E43	Mirror adjustment switch
E48	Mirror adjustment change-over switch
J393	Convenience system central control unit
K	Dash panel insert
L78	Mirror adjustment switch illumination bulb
T10h	10-pin connector, on mirror adjustment switch
T21a	21-pin connector, in the front left door
T21b	21-pin connector, in the front right door
T23a	23-pin connector, on convenience system central control unit
T32a	32-pin connector, on dash panel insert
267	Earth connection 2, in driver side door wiring harness
286	Earth connection 8, in interior wiring harness
606	Earth point, under the centre console near selector lever
B116	Connection (58d), in interior wiring harness
R27	Connection (mirror adjustment), in driver door wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Automatic anti-dazzle interior mirror

from July 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

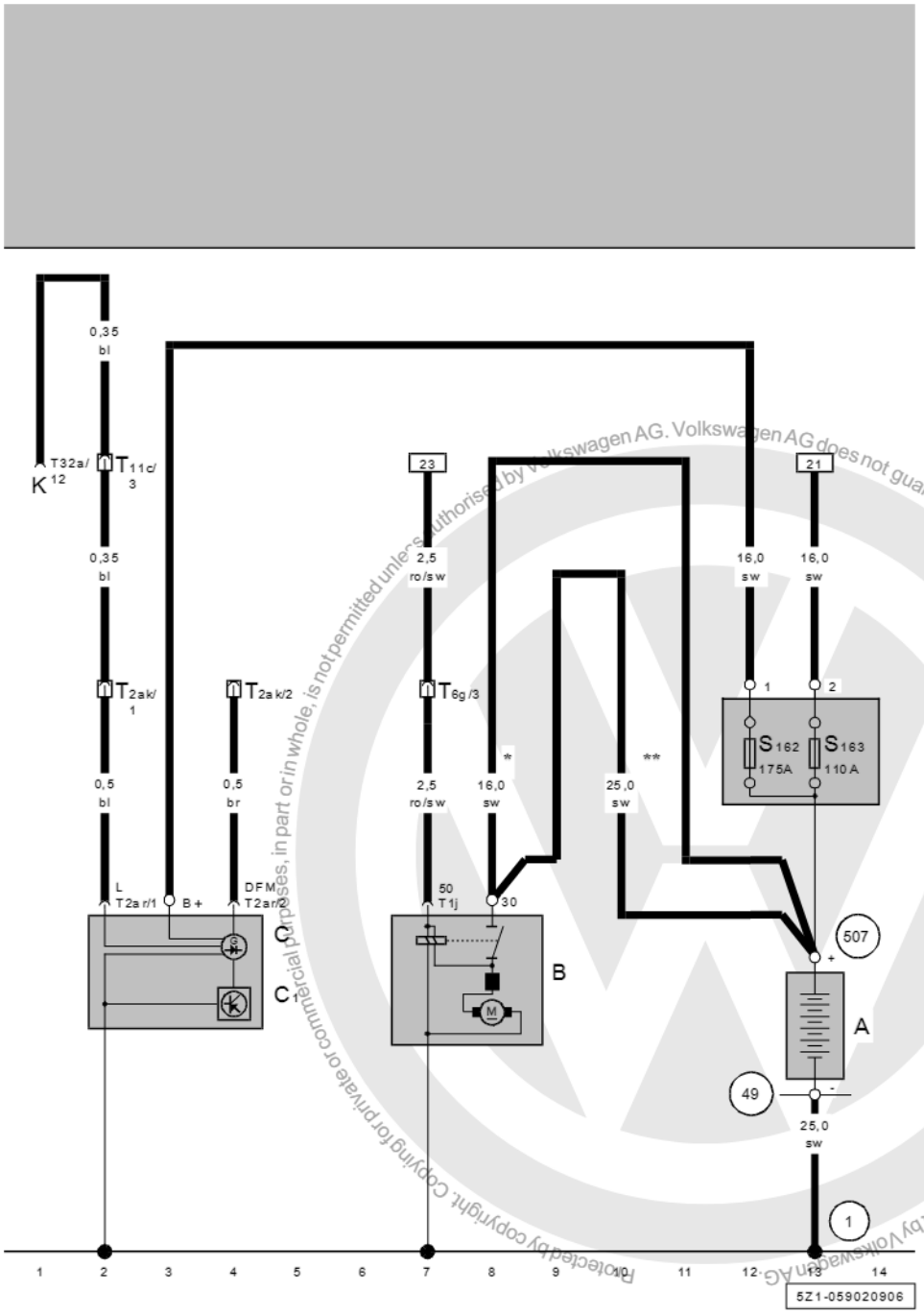
⇒ See fitting locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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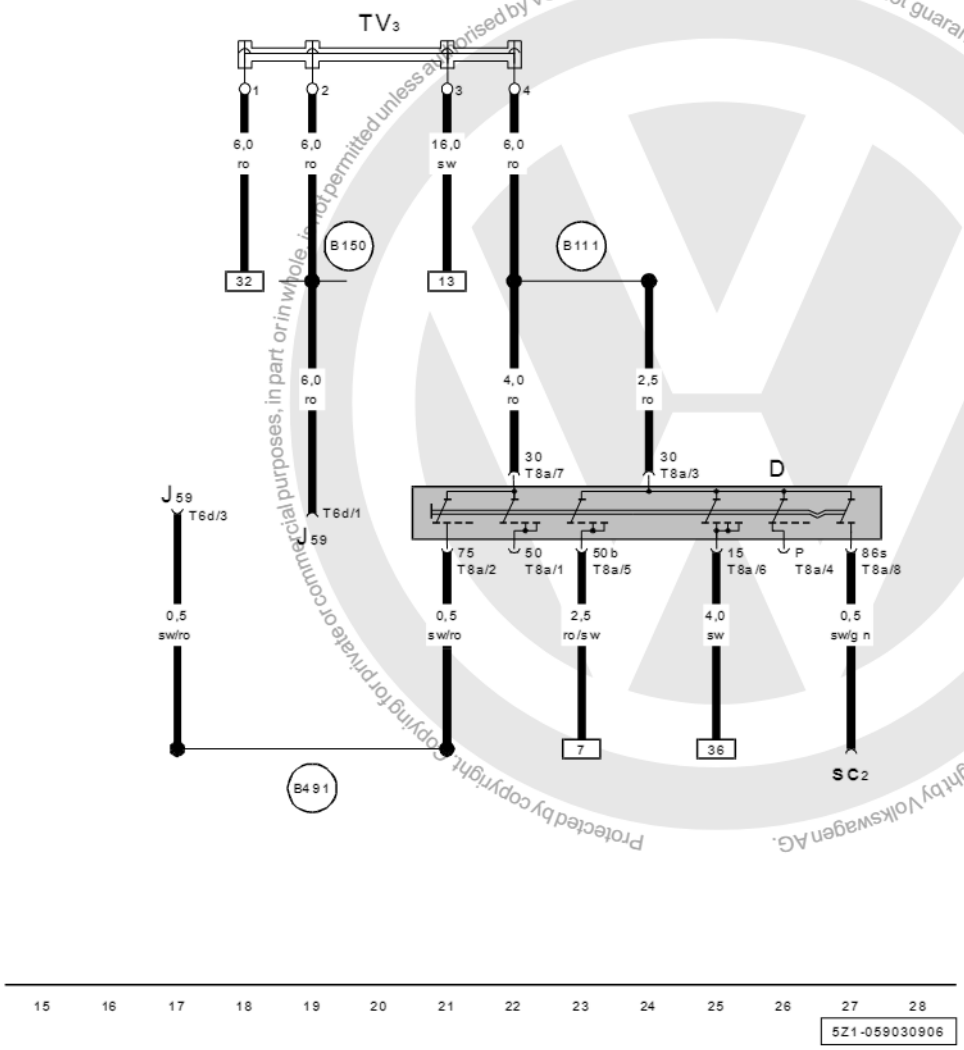
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Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, near starter
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery
*	for engines 1.0 and 1.6 only
**	for engines 1.6 without air conditioning system only

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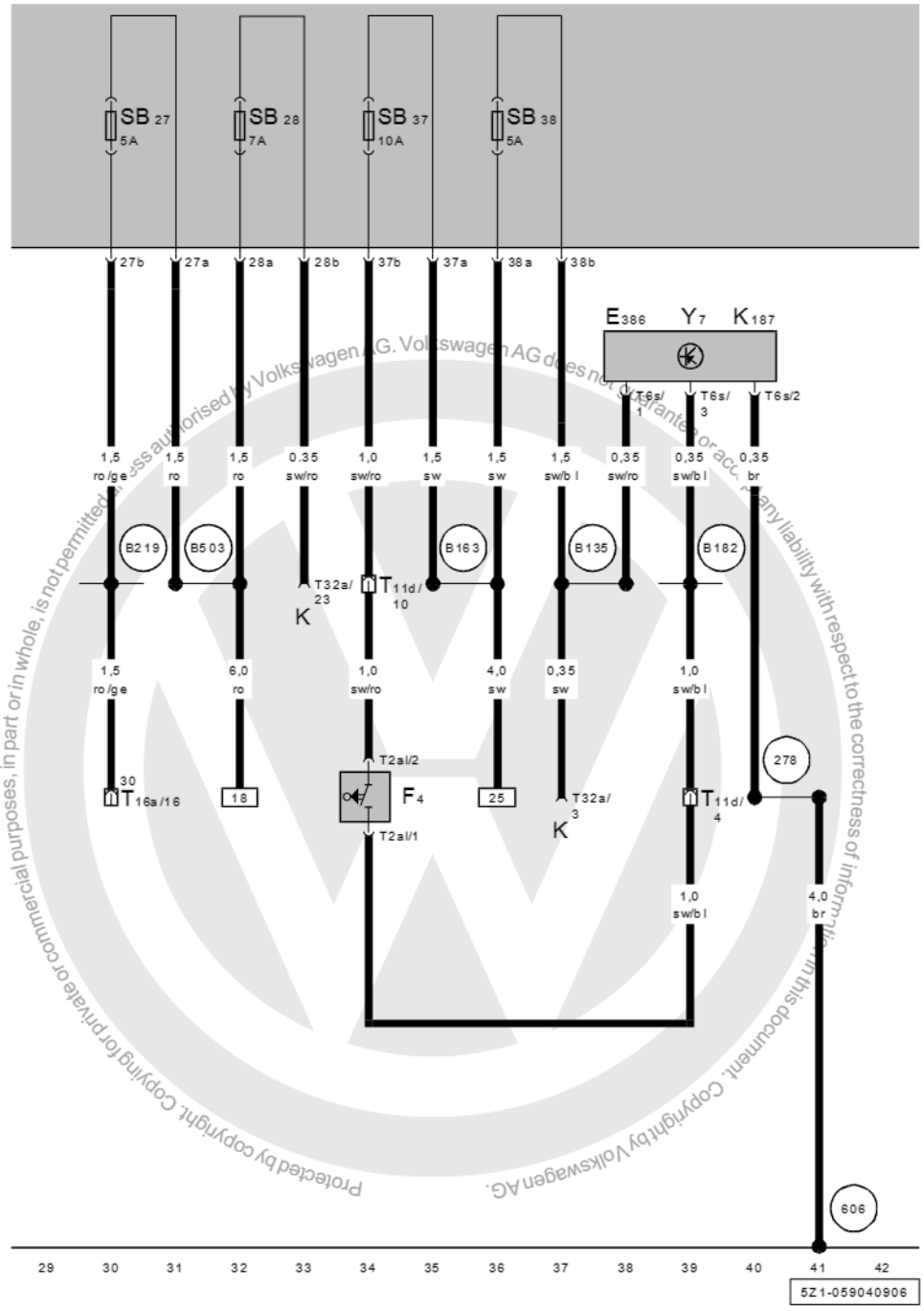


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Ignition/starter switch

D	Ignition/starter switch
J59	X-contact relief relay
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
TV3	Terminal 30a wiring junction
B111	Positive connection 1 (30a), in interior wiring harness
B150	Positive connection 2 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness



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Anti-dazzle interior mirror button, reversing light switch, anti-dazzle interior mirror warming lamp, automatic anti-dazzle interior mirror

E386	Anti-dazzle interior mirror button
F4	Reversing light switch
K	Dash panel insert
K187	Anti-dazzle interior mirror warming lamp
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB37	Fuse 37 on fuse holder B
SB38	Fuse 38 on fuse holder B
T2al	2-pin connector, on reversing light switch
T6s	6-pin connector, automatic anti-dazzle interior mirror
T11d	11-pin connector, brown, in left engine compartment
T16a	16-pin connector, on fuse holder
T32a	32-pin connector, on dash panel insert
Y7	Automatic anti-dazzle interior mirror
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near selector lever
B135	Positive connection 1 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B182	Connection (RL), in interior wiring harness
B219	Positive connection 4 (30a), in interior wiring harness
B503	Positive connection 7 (30a), in interior wiring harness

Headlight range control (Europe)

from July 2006 up to November 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations

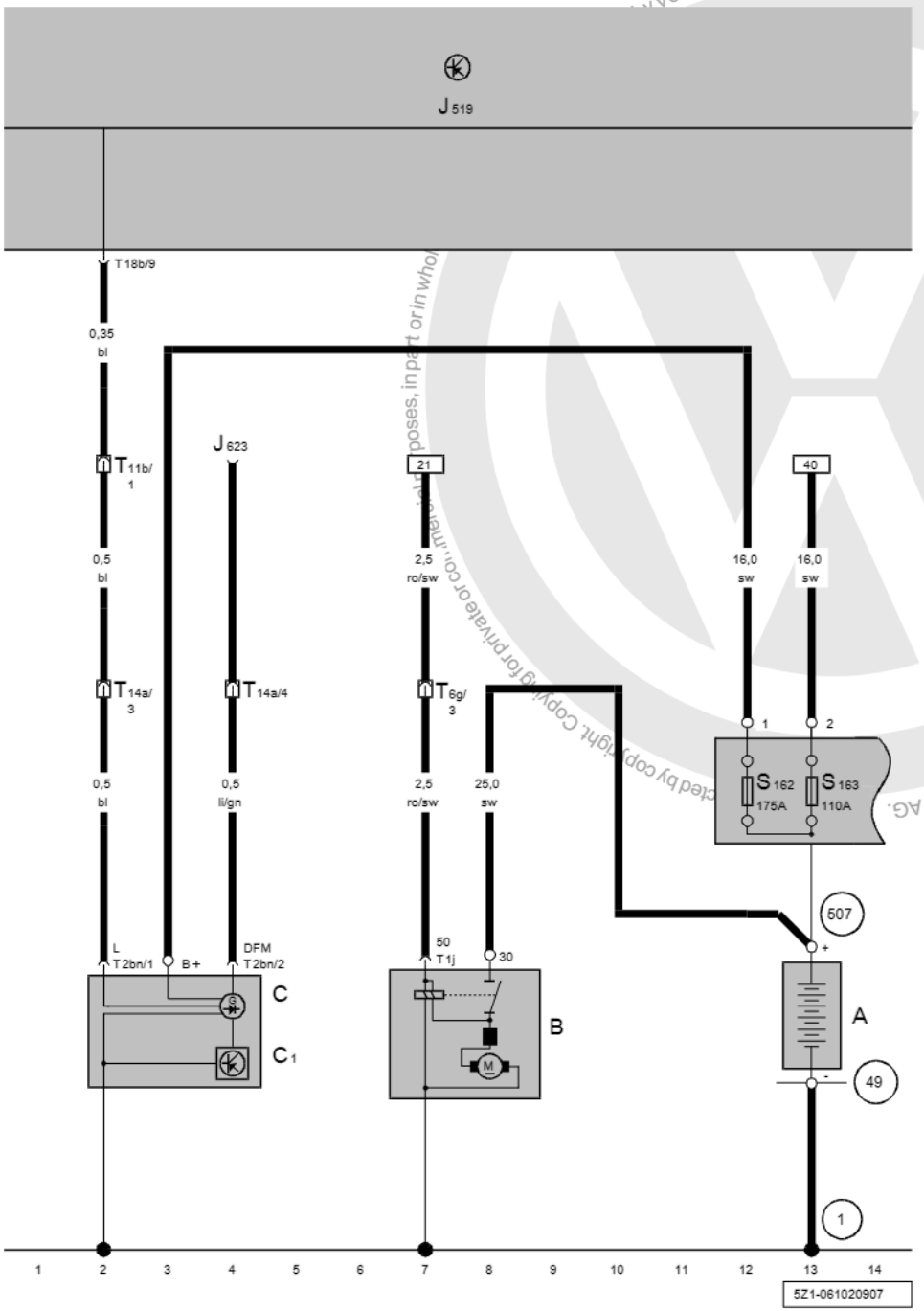
For information concerning

- Fault Finding Programs

⇒ guided fault finding

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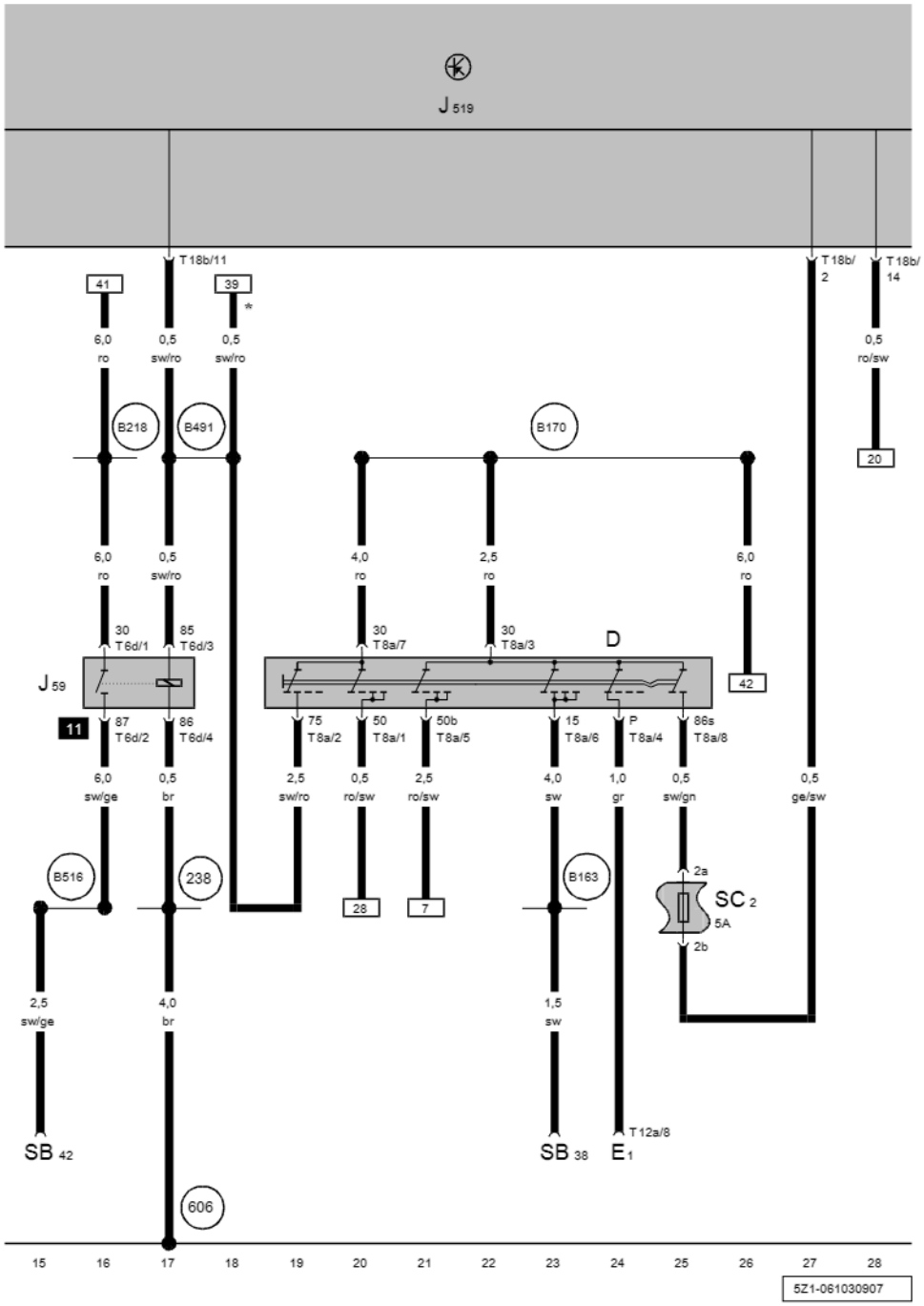
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Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2bn	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11b	11-pin connector, blue, in left engine compartment
T14a	14-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

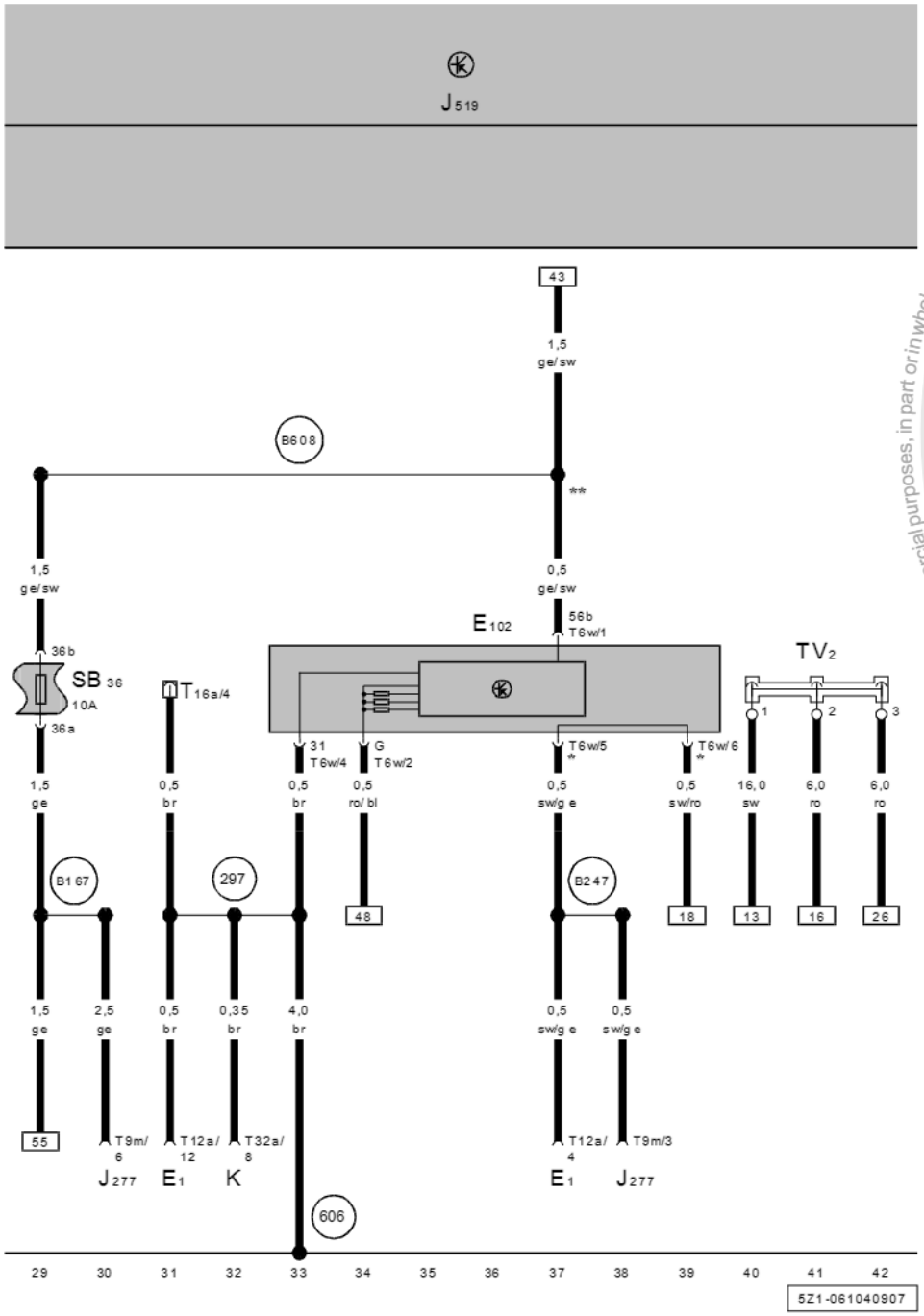


Ignition/starter switch, X-contact relief relay, onboard supply control unit

D	Ignition/starter switch
E1	Light switch
J59	X-contact relief relay
J519	Onboard supply control unit
SB38	Fuse 38 on fuse holder B
SB42	Fuse 42 on fuse holder B
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
T12a	12-pin connector, on light switch
T18b	18-pin connector, on onboard supply control unit
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
*	for models with day driving light only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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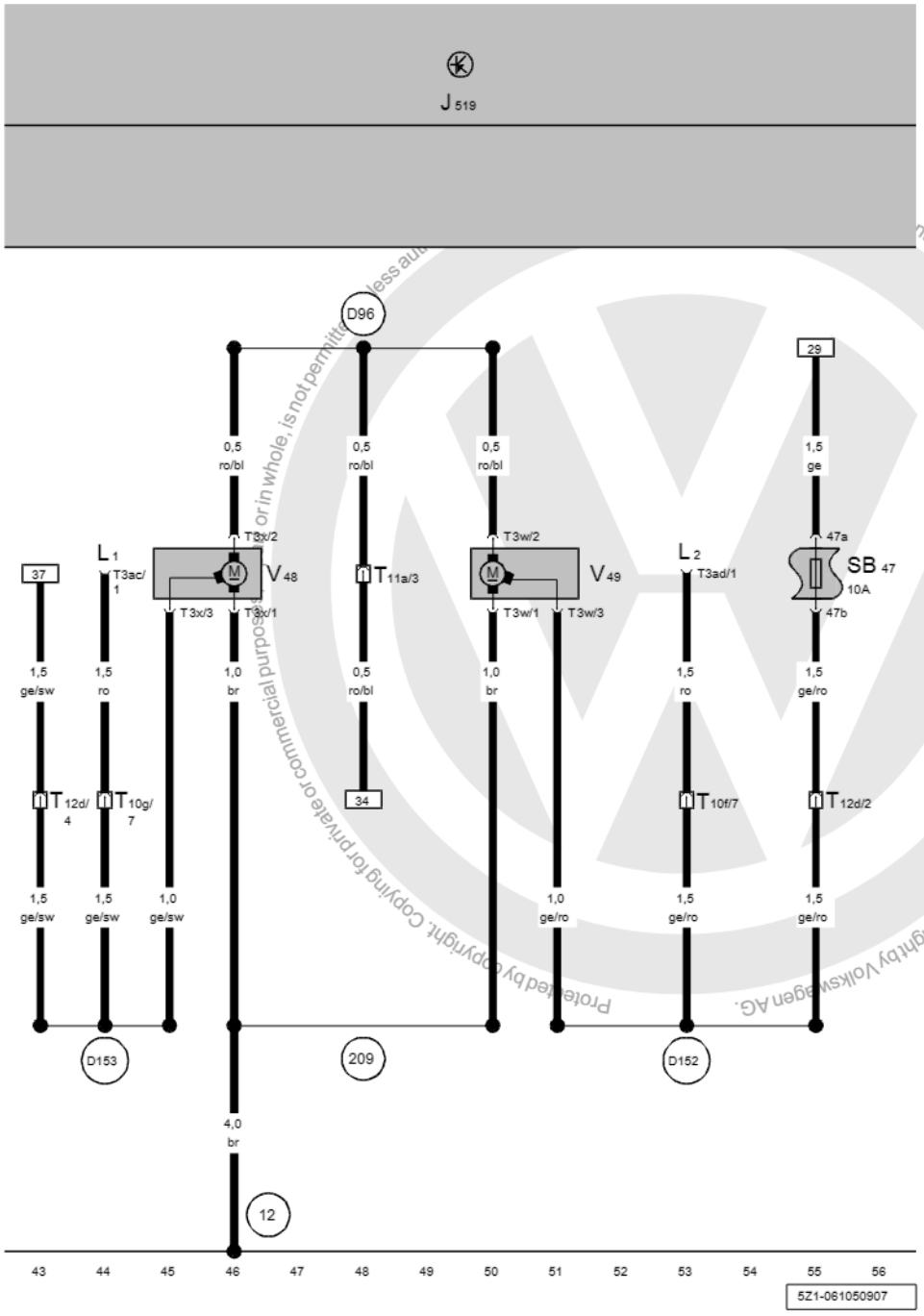


Headlight range control regulator, Terminal 30 wiring junction

E1	Light switch
E102	Headlight range control regulator
J277	Daytime running lights relay, side and tail lights
J519	Onboard supply control unit
K	Dash panel insert
SB36	Fuse 36 on fuse holder B
T6w	6-pin connector, on headlight range control regulator
T9m	9-pin connector, on daytime running lights relay, side and tail lights
T12a	12-pin connector, on light switch
T16a	16-pin connector, on fuse holder
T32a	32-pin connector, on dash panel insert
TV2	Terminal 30 wiring junction
297	Earth connection 12, in interior wiring harness
606	Earth point, under the centre console near selector lever
B167	Connection (56b), in interior wiring harness
B247	Connection 2 (56b), in interior wiring harness
B608	Connection 4, in interior wiring harness
*	for models with day driving light only
**	for models with parking light only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, left headlight range control motor, right headlight range control motor

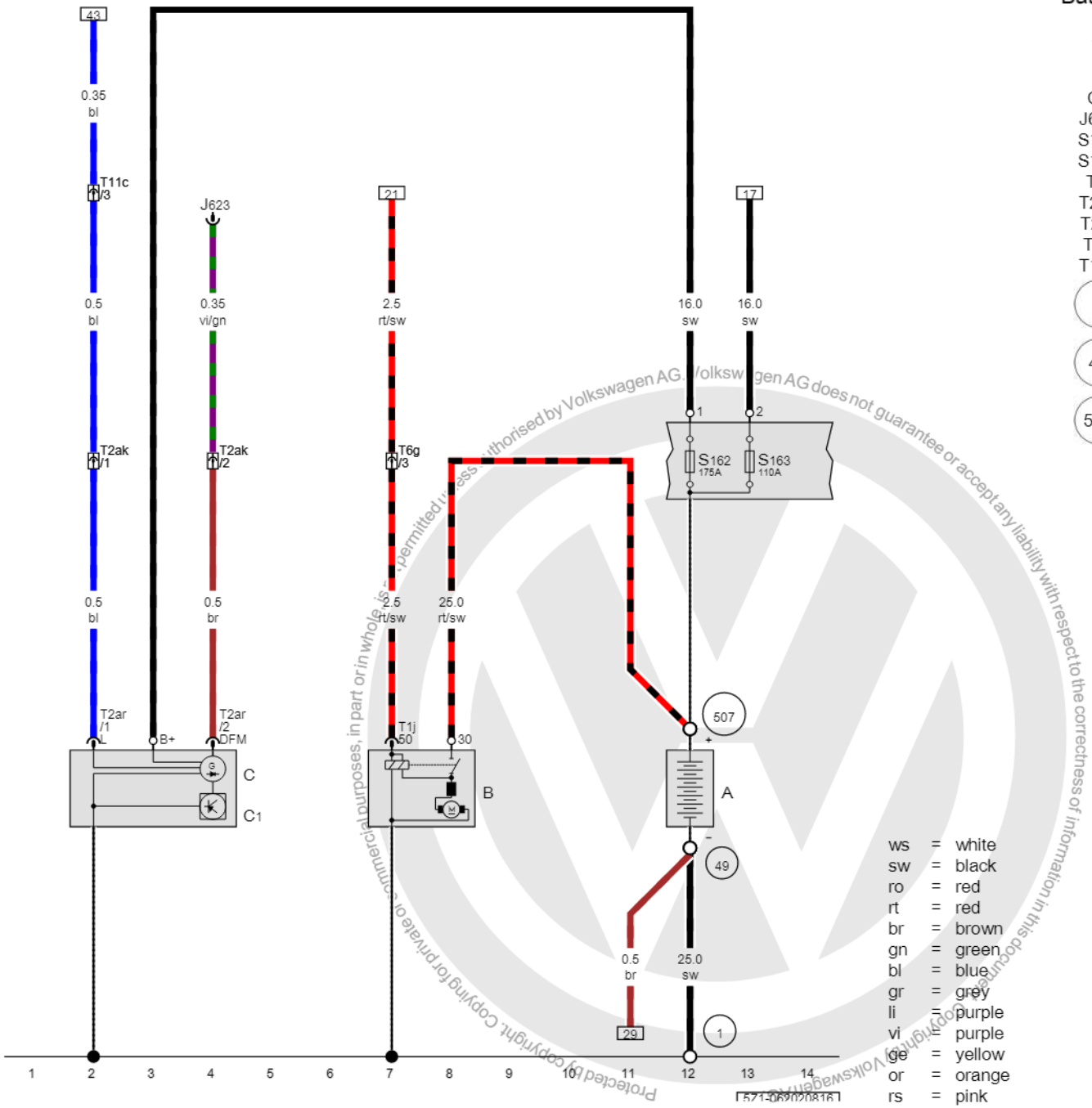
J519	Onboard supply control unit
L1	Left headlight twin filament bulb/left sealed beam insert
L2	Right headlight twin filament bulb/right sealed beam insert
SB47	Fuse 47 on fuse holder B
T3ac	3-pin connector, on left headlight twin filament bulb/left sealed beam insert
T3ad	3-pin connector, on right headlight twin filament bulb/right sealed beam insert
T3x	3-pin connector, on left headlight range control motor
T3w	3-pin connector, on right headlight range control motor
T10f	10-pin connector, in engine compartment, front right
T10g	10-pin connector, in front left engine compartment
T11a	11-pin connector, red, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
V48	Left headlight range control motor
V49	Right headlight range control motor
12	Earth point, on left in engine compartment
209	Earth connection 6, in engine compartment wiring harness
D96	Connection (headlight range control), in engine compartment wiring harness
D152	Positive connection 1 (56b), in engine compartment wiring harness
D153	Positive connection 2 (56b), in engine compartment wiring harness

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Fog light , (F6G)

From September 2006

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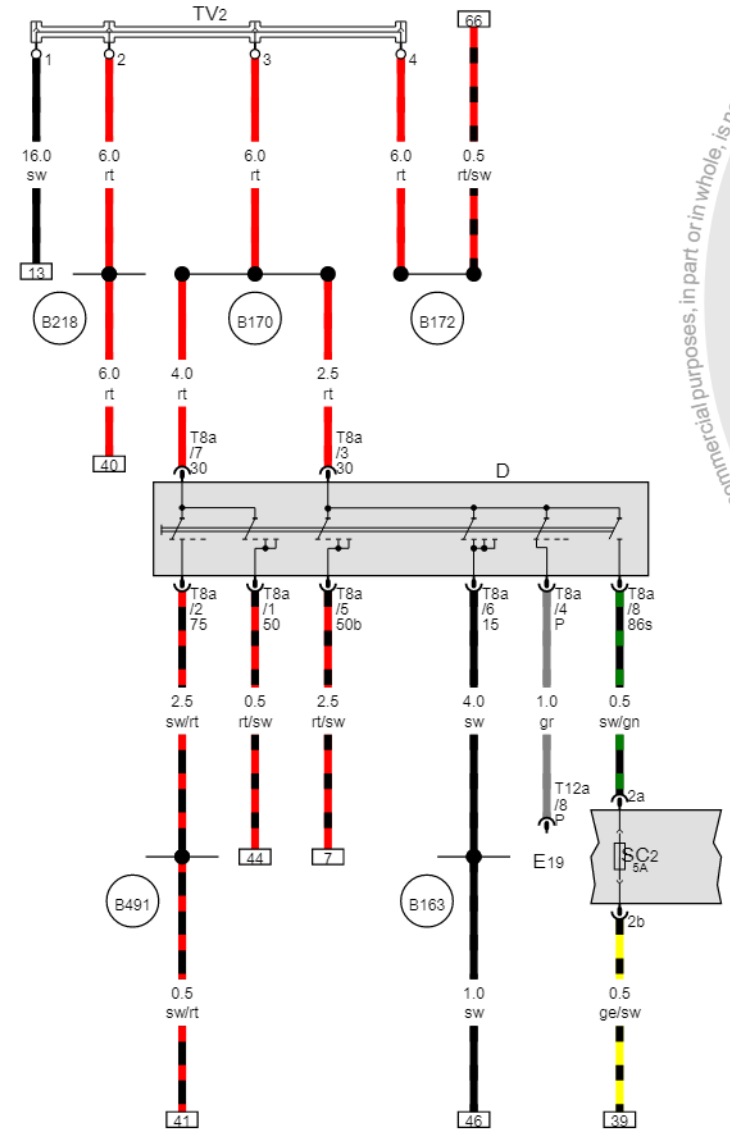


Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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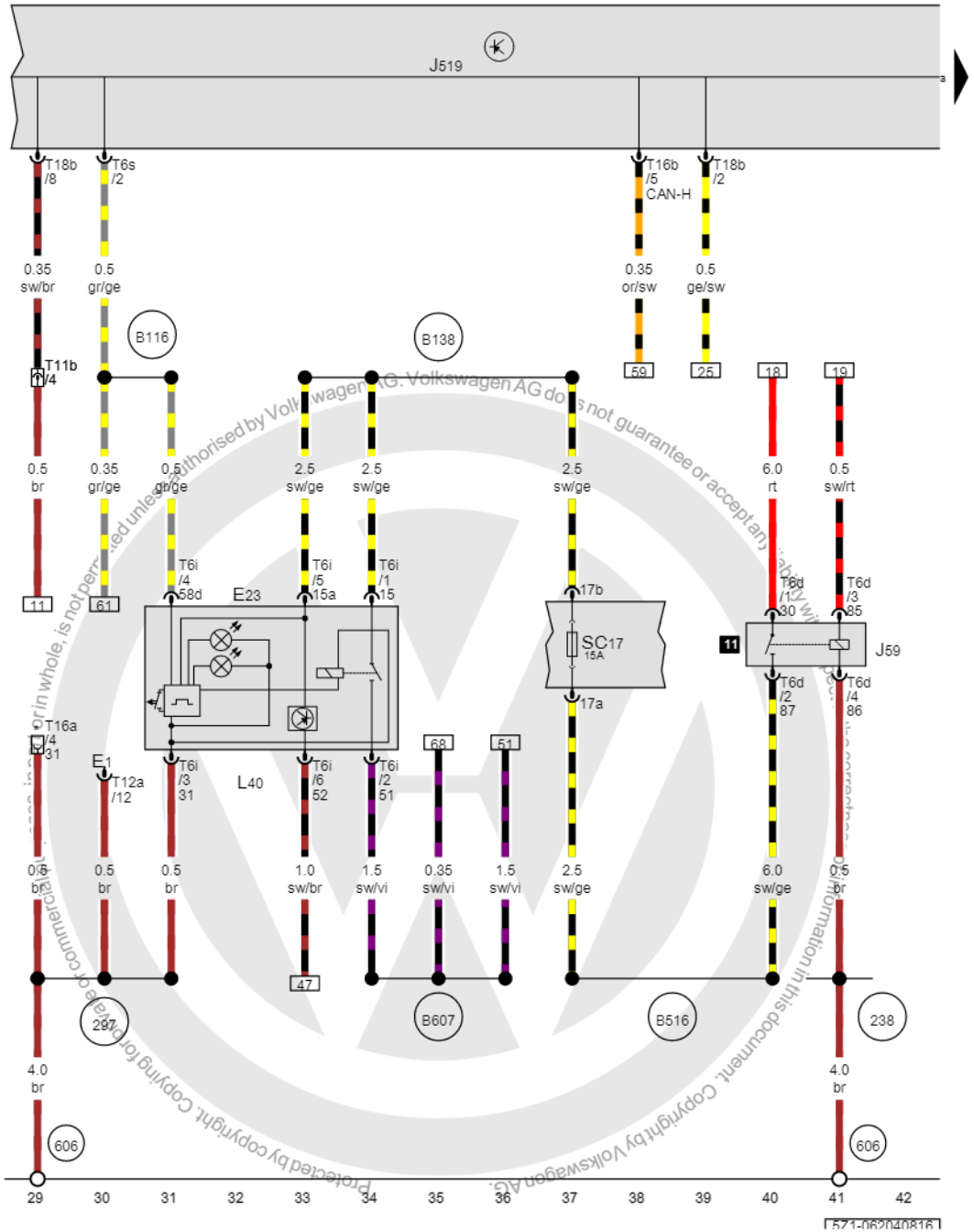


Ignition/starter switch, Terminal 30 wiring junction

D	Ignition/starter switch
E19	Parking light switch
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector
T12a	12-pin connector
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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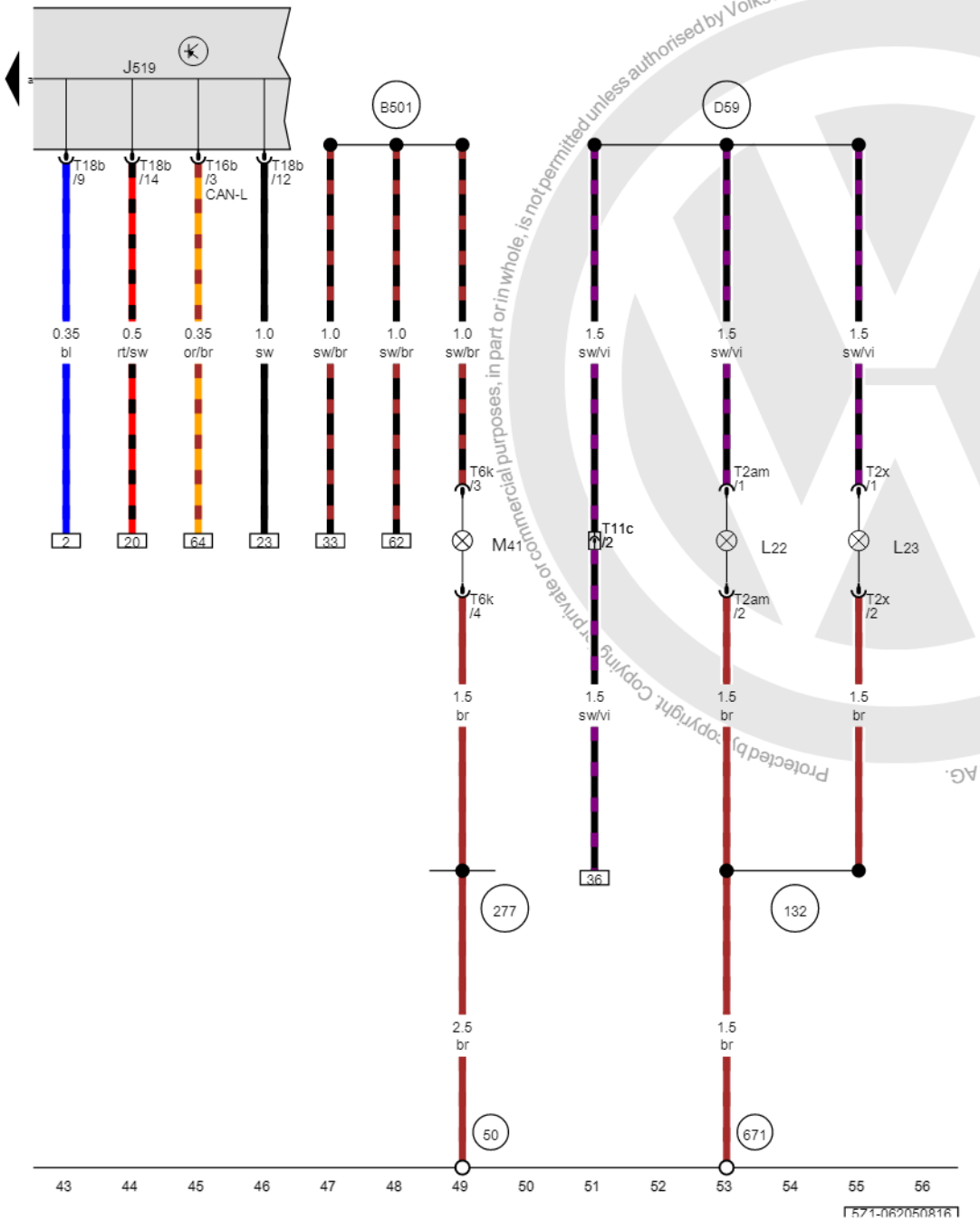


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Front and rear fog light switch, X-contact relief relay, Onboard supply control unit, Front and rear fog light switch illumination bulb

E1	Light switch
E23	Front and rear fog light switch
J59	X-contact relief relay
J519	Onboard supply control unit
L40	Front and rear fog light switch illumination bulb
SC17	Fuse 17 on fuse holder C
T6d	6-pin connector
T6i	6-pin connector
T6s	6-pin connector
T11b	11-pin connector, on left in plenum chamber
T12a	12-pin connector
T16a	16-pin connector
T16b	16-pin connector
T18b	18-pin connector
238	Earth connection 1, in interior wiring harness
297	Earth connection 12, in interior wiring harness
606	Earth point, under the centre console near gear stick
B116	Connection (58d), in interior wiring harness
B138	Positive connection (X), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
B607	Connection 3, in interior wiring harness
*	Diagnostic connection

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Onboard supply control unit, Left fog light bulb, Right fog light bulb, Left tail light and rear fog light bulb

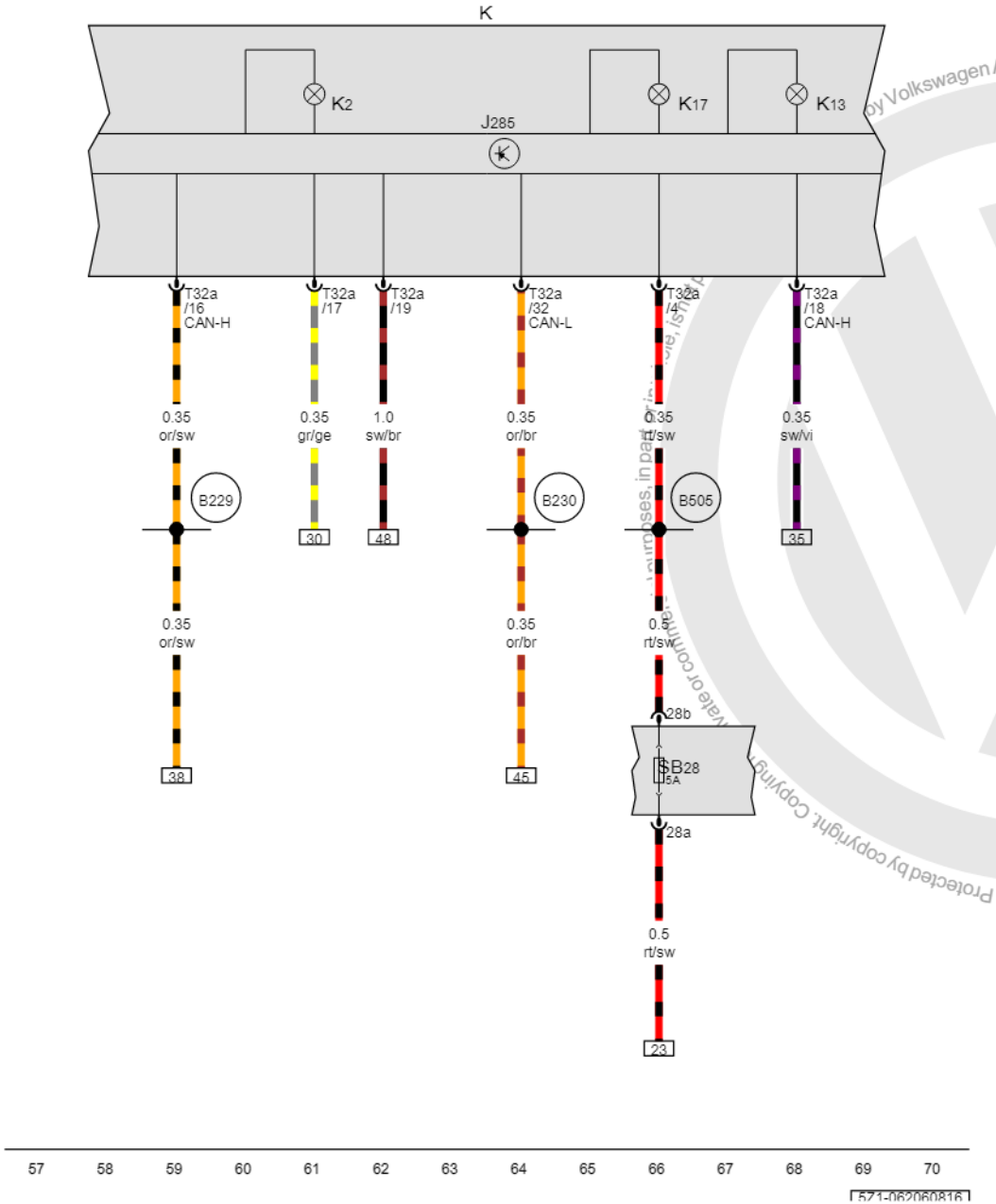
J519	Onboard supply control unit
L22	Left fog light bulb
L23	Right fog light bulb
M41	Left tail light and rear fog light bulb
T2am	2-pin connector
T2x	2-pin connector
T6k	6-pin connector
T11c	11-pin connector, on left in plenum chamber
T16b	16-pin connector
T18b	18-pin connector
50	Earth point, on left in luggage compartment
132	Earth connection 3, in engine compartment wiring harness
277	Earth connection 3, in interior wiring harness
671	Earth point 1, on front of left longitudinal member
B501	Positive connection (83b), in interior wiring harness
D59	Connection (fog light), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Rear fog light warning lamp, Fog light warning lamp

J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
SB28	Fuse 28 on fuse holder B
T32a	32-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B505	Positive connection 9 (30a), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fog light and twin headlight light switch

from July 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

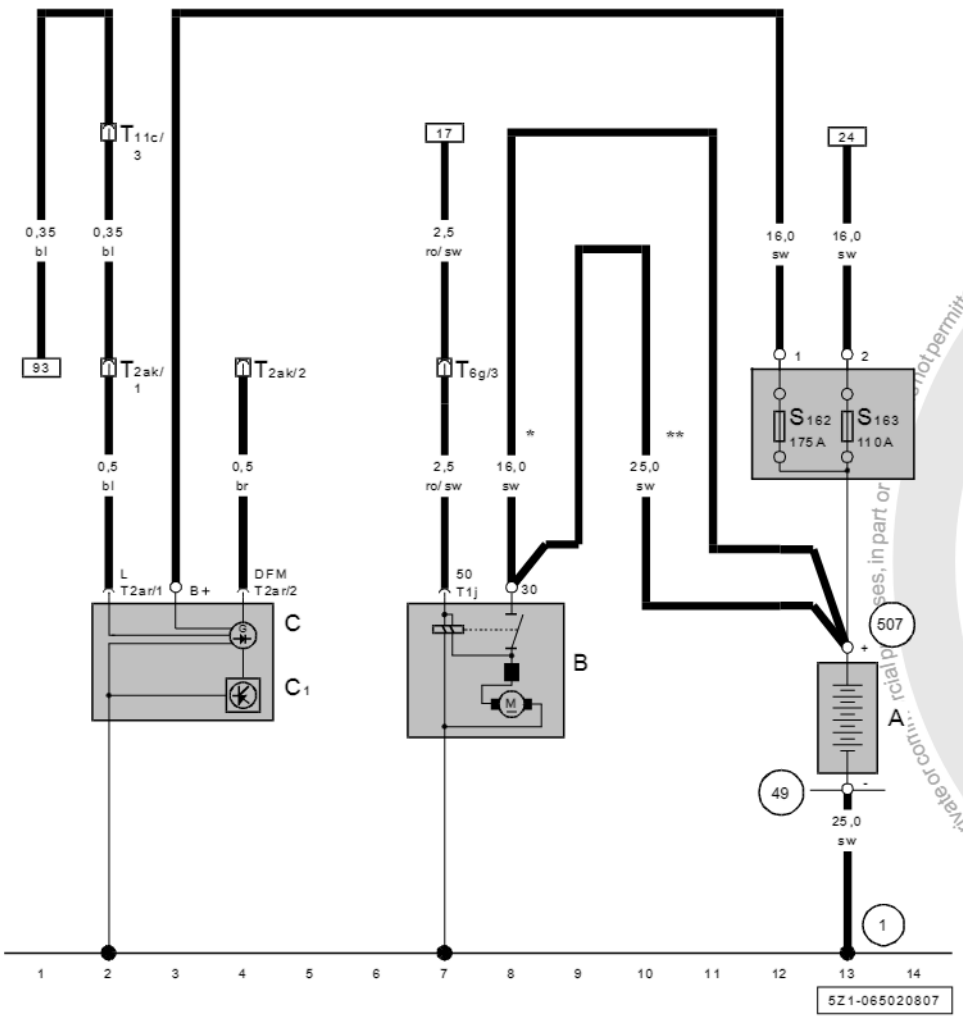
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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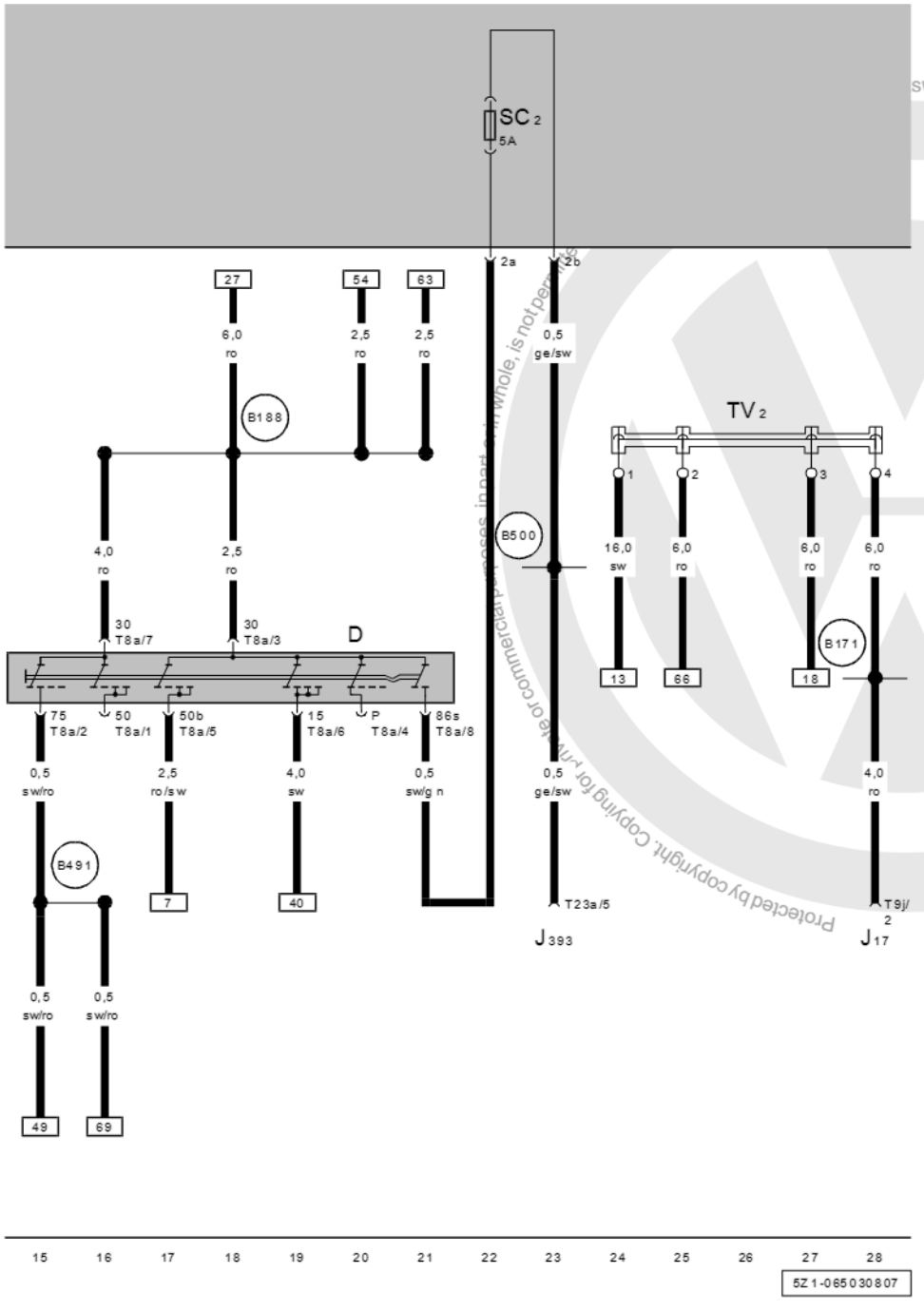


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, near starter
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery
*	for 1.0 l and 1.6 l engine only
**	for 1.6 l engine without air conditioning system only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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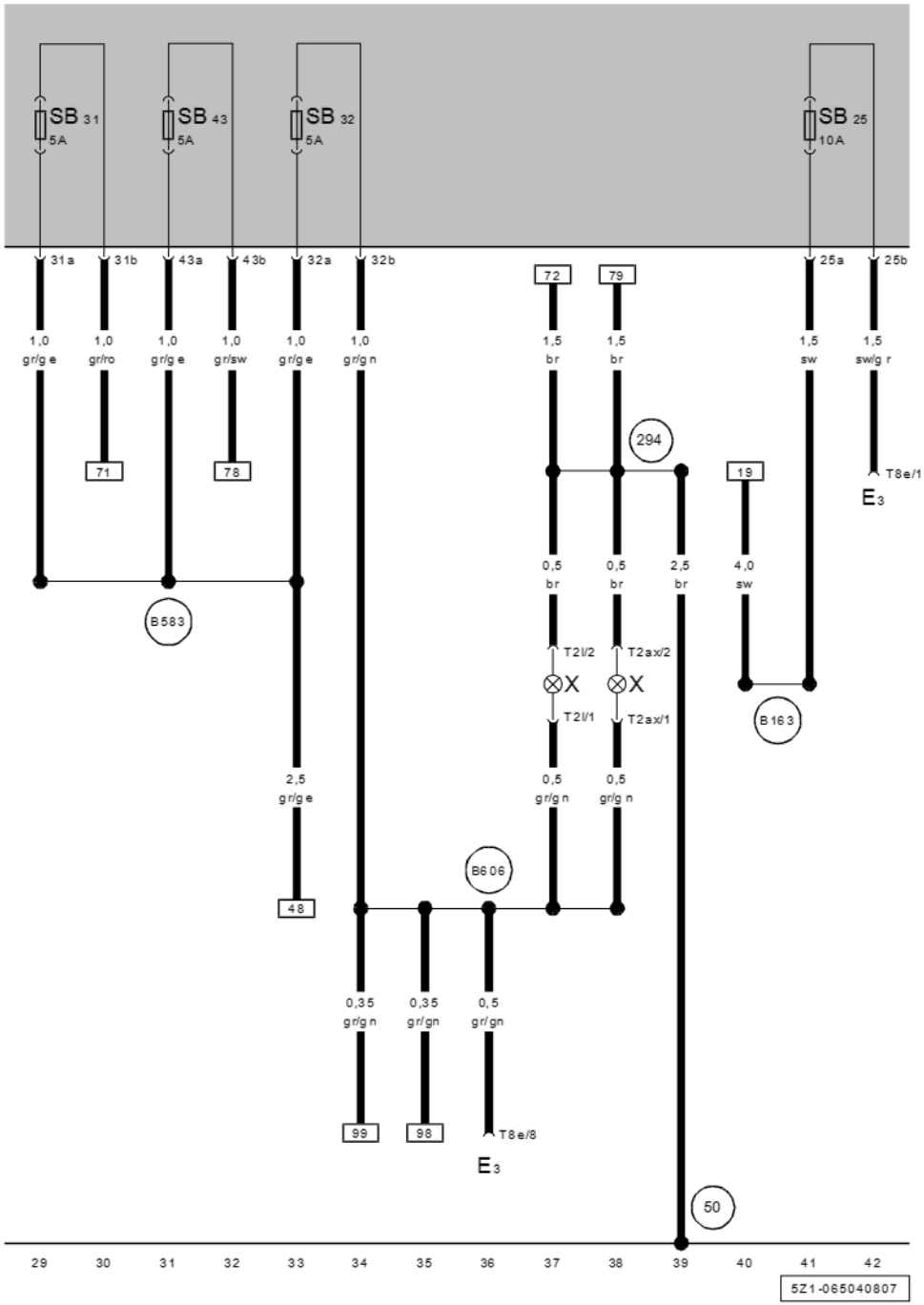


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T9j	9-pin connector, on fuel pump relay
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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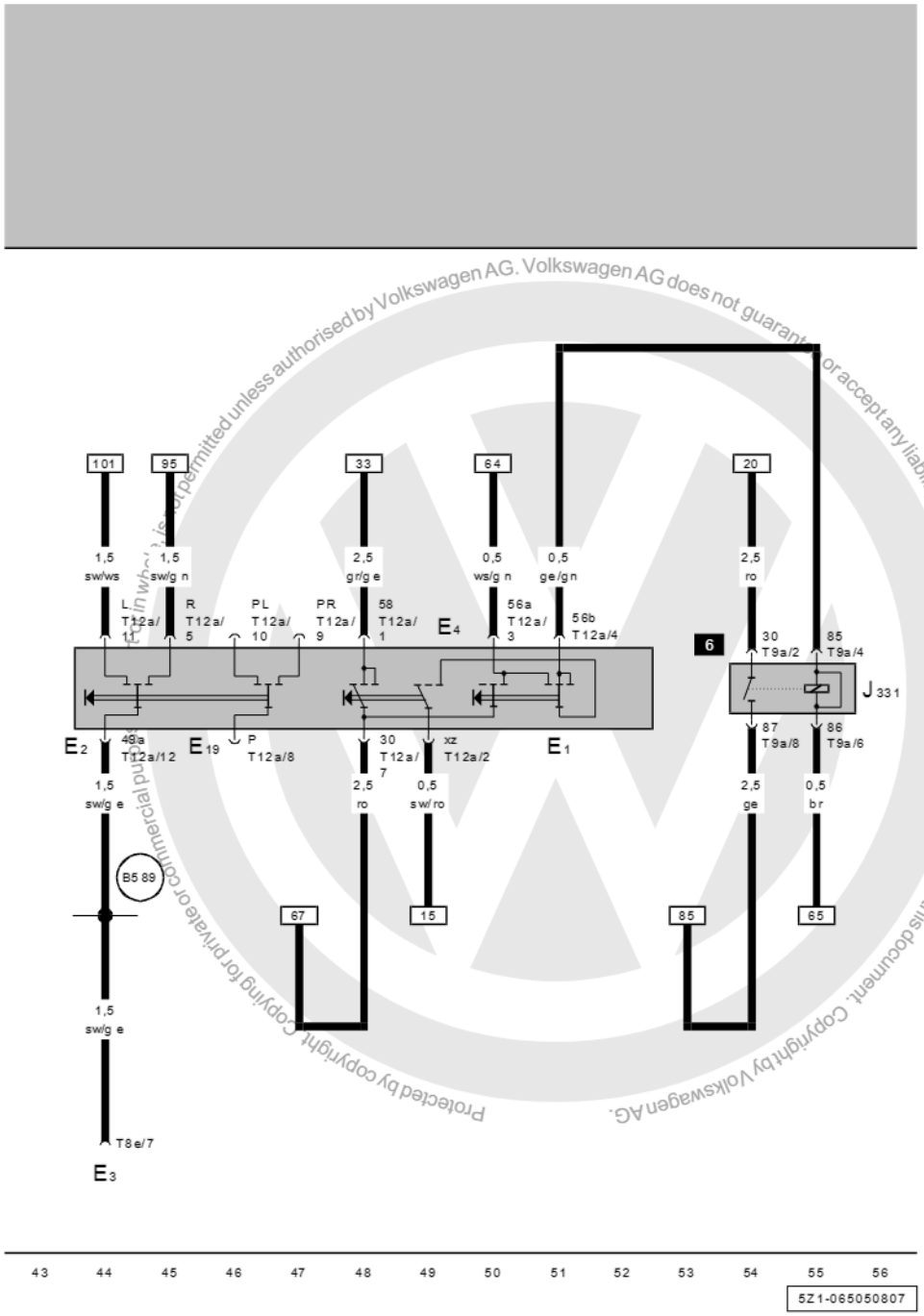


Number plate light

E3	Hazard warning light switch
SB25	Fuse 25 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB43	Fuse 43 on fuse holder B
T2ax	2-pin connector, on number plate light
T2l	2-pin connector, on number plate light
T8e	8-connector, on hazard warning light switch
X	Number plate light
50	Earth points, on left in luggage compartment
294	Earth connection 9, in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B606	Connection 2, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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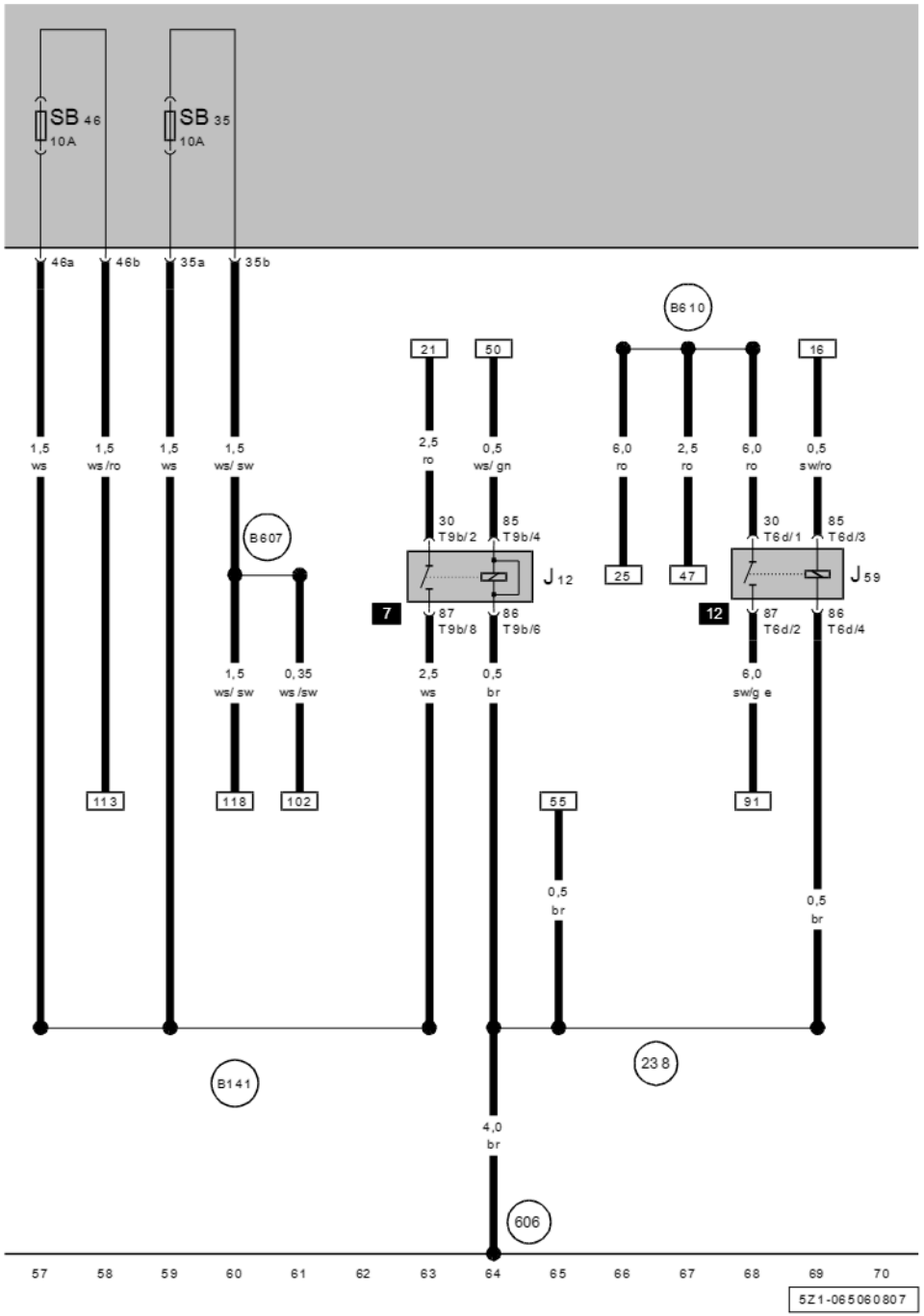


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Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, dipped beam relay

E1	Light switch
E2	Turn signal switch
E3	Hazard warning light switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J331	Dipped beam relay
T8e	8-connector, on hazard warning light switch
T9a	9-pin connector, on dipped beam relay
T12a	12-pin connector, on light switch
B589	Connection (49a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

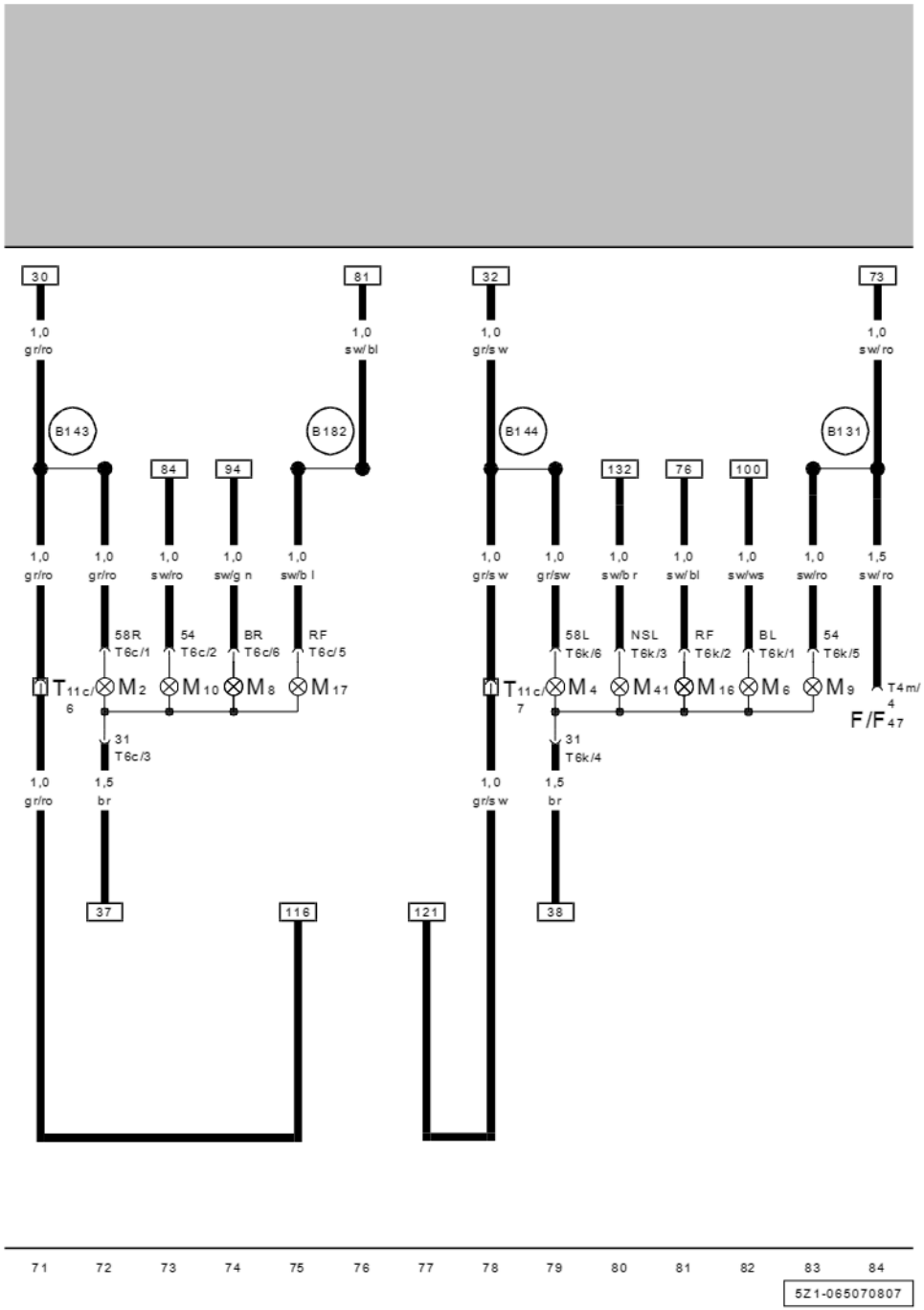


Headlight main beam relay, X-contact relief relay

J12	Headlight main beam relay
J59	X-contact relief relay
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T6d	6-pin connector, on X-contact relief relay
T9b	9-pin connector, on headlight main beam relay
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B141	Positive connection 1 (56a), in interior wiring harness
B607	Connection 3, in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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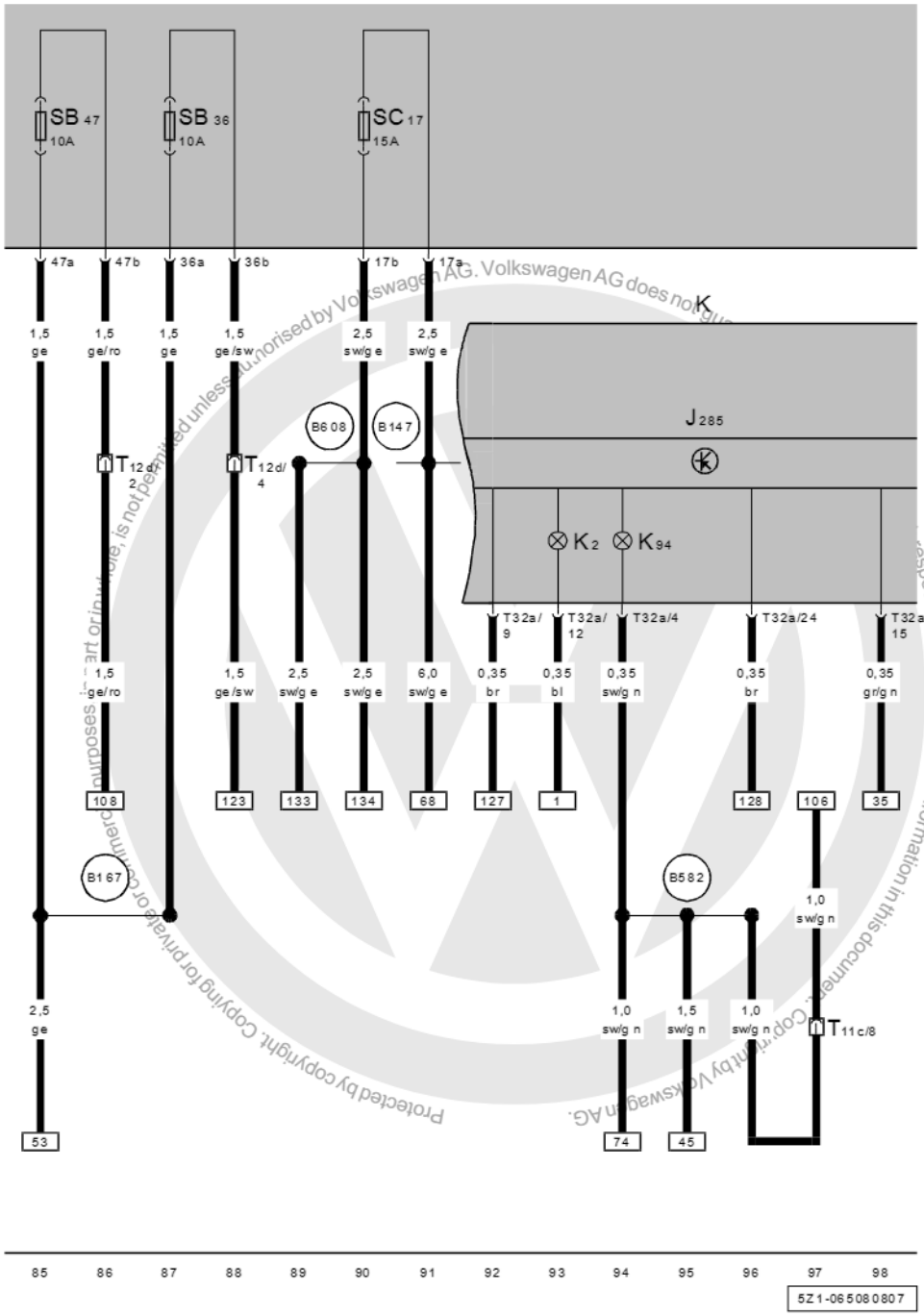


Right tail light bulb, left tail light bulb, left brake light bulb, right brake light bulb, left reversing light bulb, right reversing light bulb

F	Brake light switch
F47	Brake pedal switch
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M41	Left tail light and rear fog light bulb
T4m	4-pin connector, on brake light switch
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
T11c	11-pin connector, green, in left engine compartment
B131	Connection (54), in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B182	Connection (RL), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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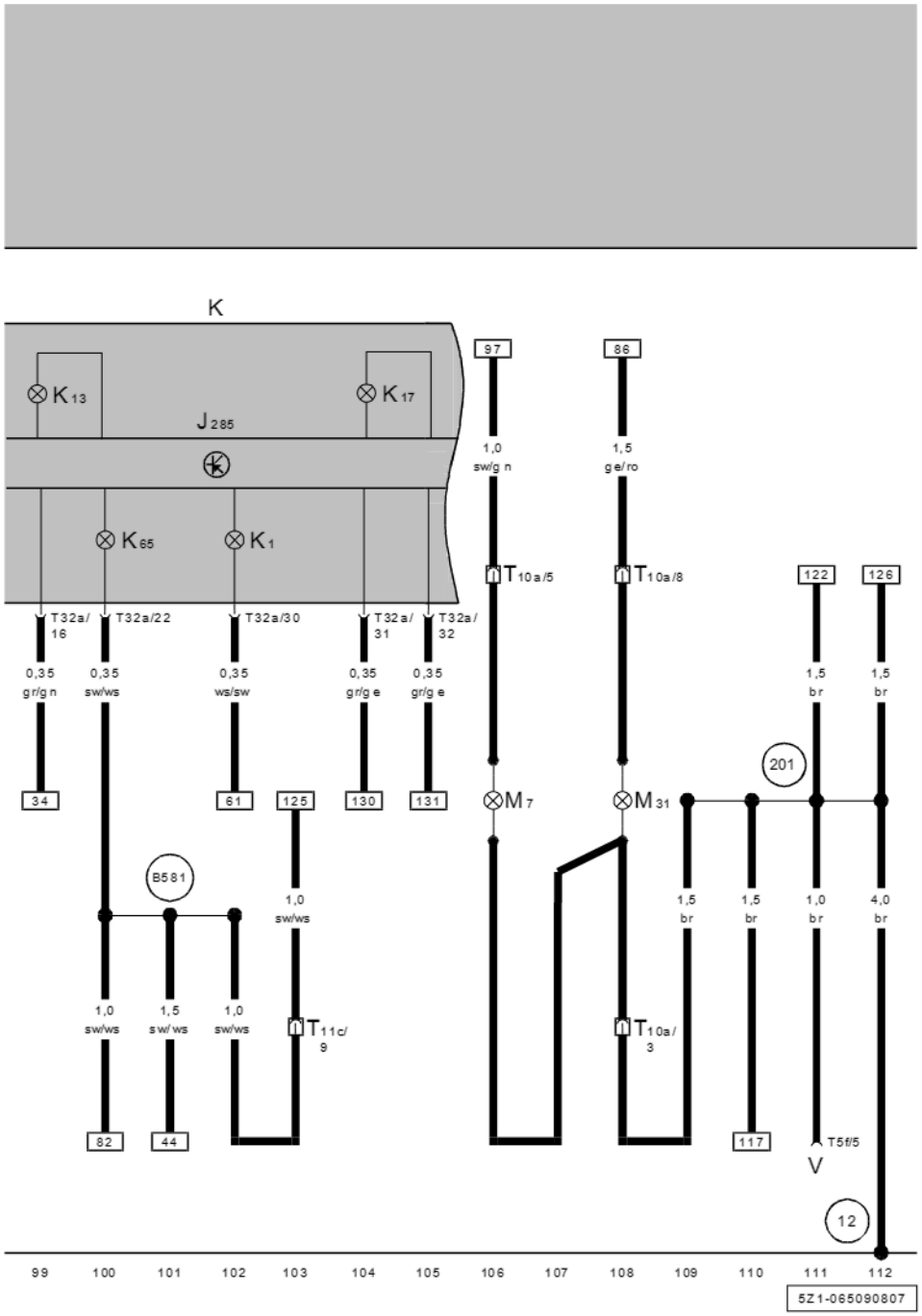


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Control unit in dash panel insert, dash panel insert, alternator warning lamp, right turn signal warning lamp

J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K94	Right turn signal warning lamp
SB36	Fuse 36 on fuse holder B
SB47	Fuse 47 on fuse holder B
SC17	Fuse 17 on fuse holder C
T11c	11-pin connector, green, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
T32a	32-pin connector, on dash panel insert
B147	Positive connection 2 (87), in interior wiring harness
B167	Connection (56b), in interior wiring harness
B582	Positive connection (right indicator lamp), interior wiring harness
B608	Connection 4, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Control unit in dash panel insert, dash panel insert, left turn signal warning lamp

J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
K65	Left turn signal warning lamp
M7	Front right turn signal bulb
M31	Right dipped beam bulb
T5f	5-pin connector, on windscreen wiper motor
T10a	10-pin connector, on right headlight dipped beam bulb
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
V	Windscreen wiper motor
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness

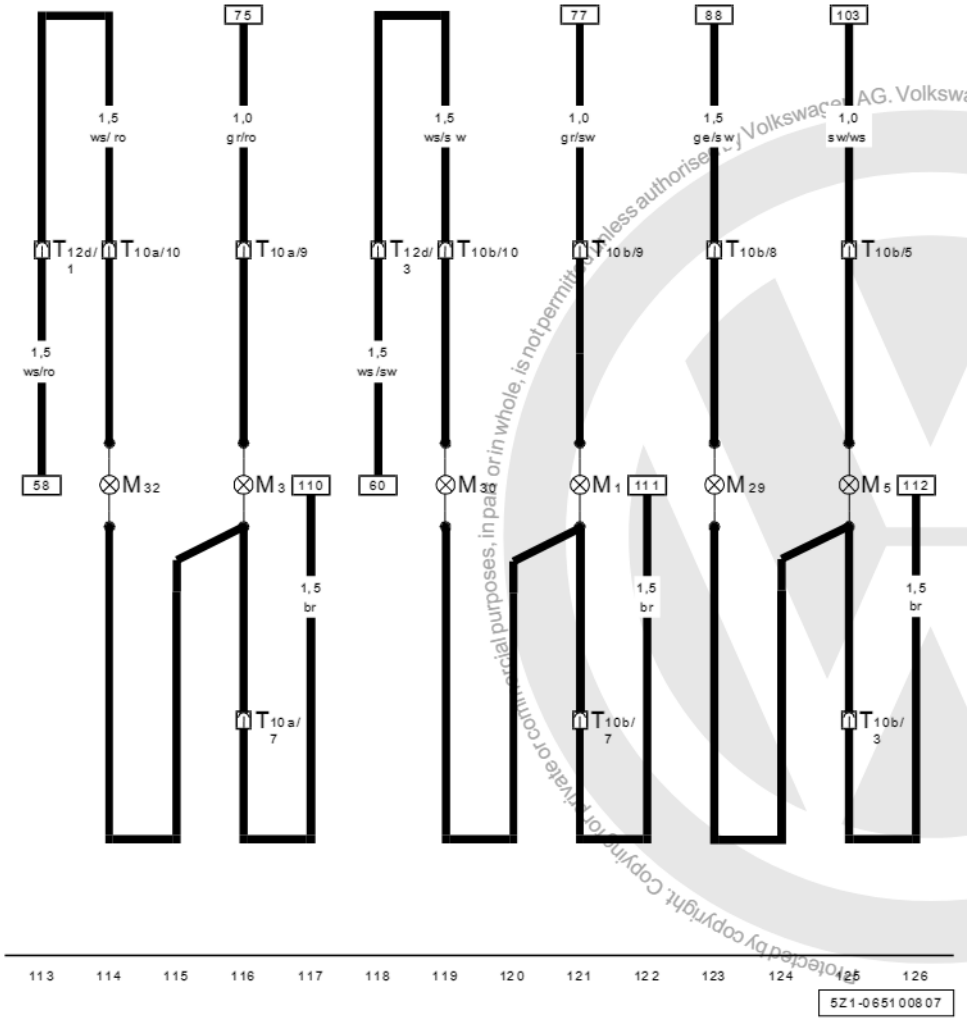
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rt	=	red
br	=	brown
gn	=	green
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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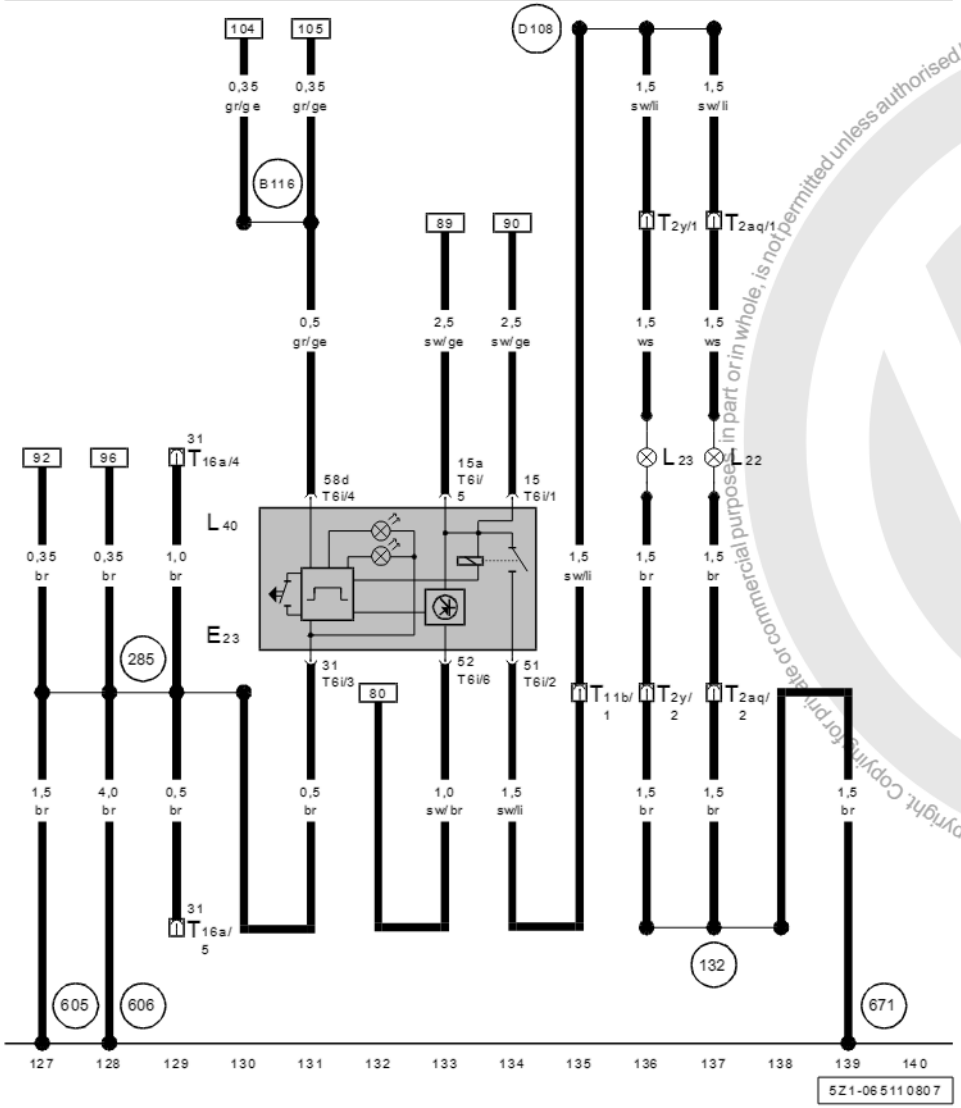
Front left side marker bulb, front right side marker bulb, front left turn signal bulb, left headlight dipped beam bulb, left main beam bulb, right main beam bulb

M1	Front left side marker bulb
M3	Front right side marker bulb
M5	Front left turn signal bulb
M29	Left dipped beam bulb
M30	Left main beam bulb
M32	Right main beam bulb
T10a	10-pin connector, on right headlight dipped beam bulb
T10b	10-pin connector, on left headlight dipped beam bulb
T12d	12-pin connector, white, in left engine compartment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Front and rear fog light switch, left fog light bulb, right fog light bulb, front and rear fog light switch illumination bulb

E23	Front and rear fog light switch
L22	Left fog light bulb
L23	Right fog light bulb
L40	Front and rear fog light switch illumination bulb
T2aq	2-pin connector, on left fog light bulb
T2y	2-pin connector, on right fog light bulb
T6i	6-pin connector, on front and rear fog light switch
T11b	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
132	Earth connection 3, in engine compartment wiring harness
285	Earth connection 7, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near selector lever
671	Earth point 1, on front of left longitudinal member
B116	Connection (58d), in interior wiring harness
D108	Connection 6, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Climatic (Europe)

⇒ 1.4 l - 4EV/55 kW, engine code BKR from March 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

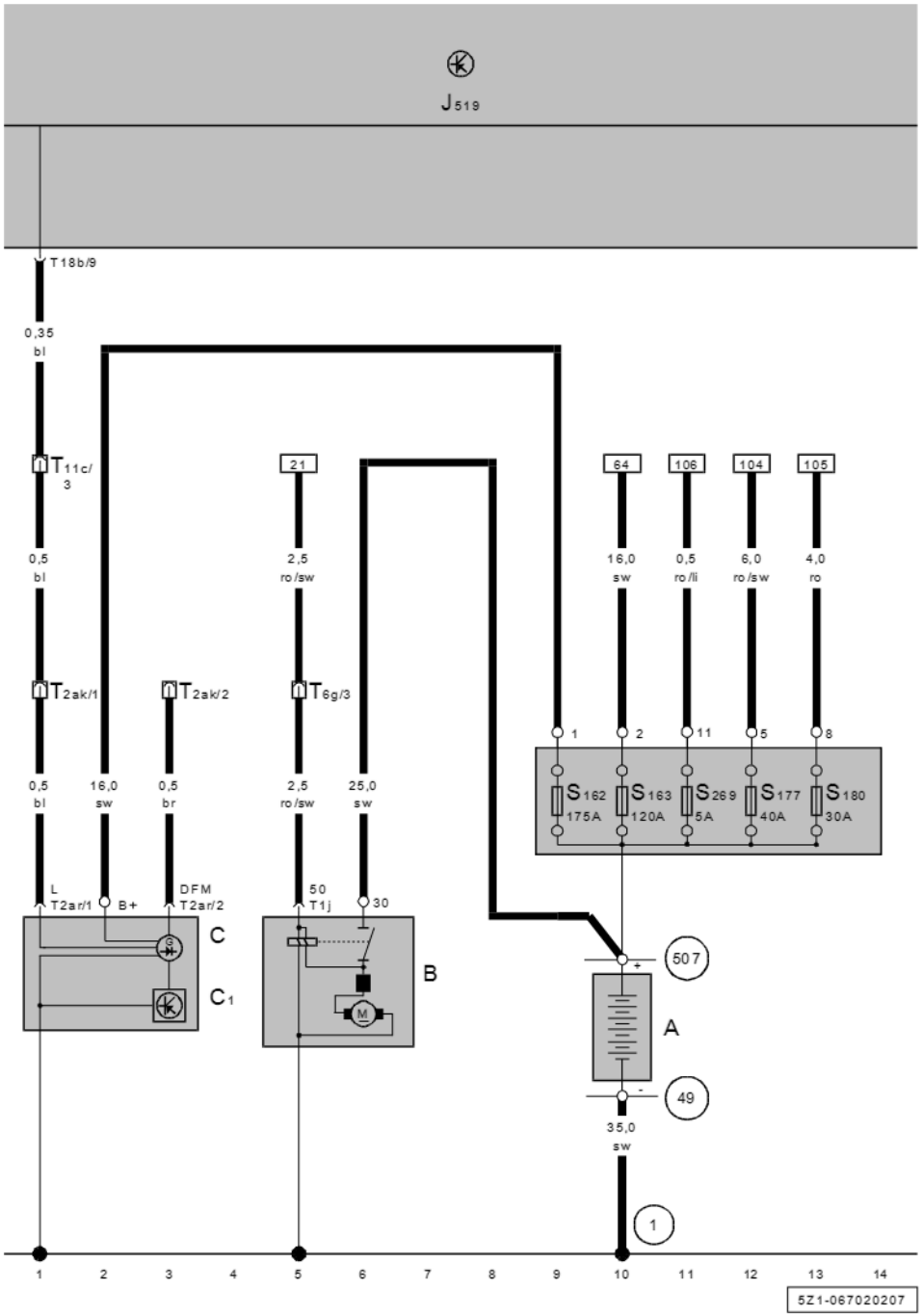
⇒ See fitting locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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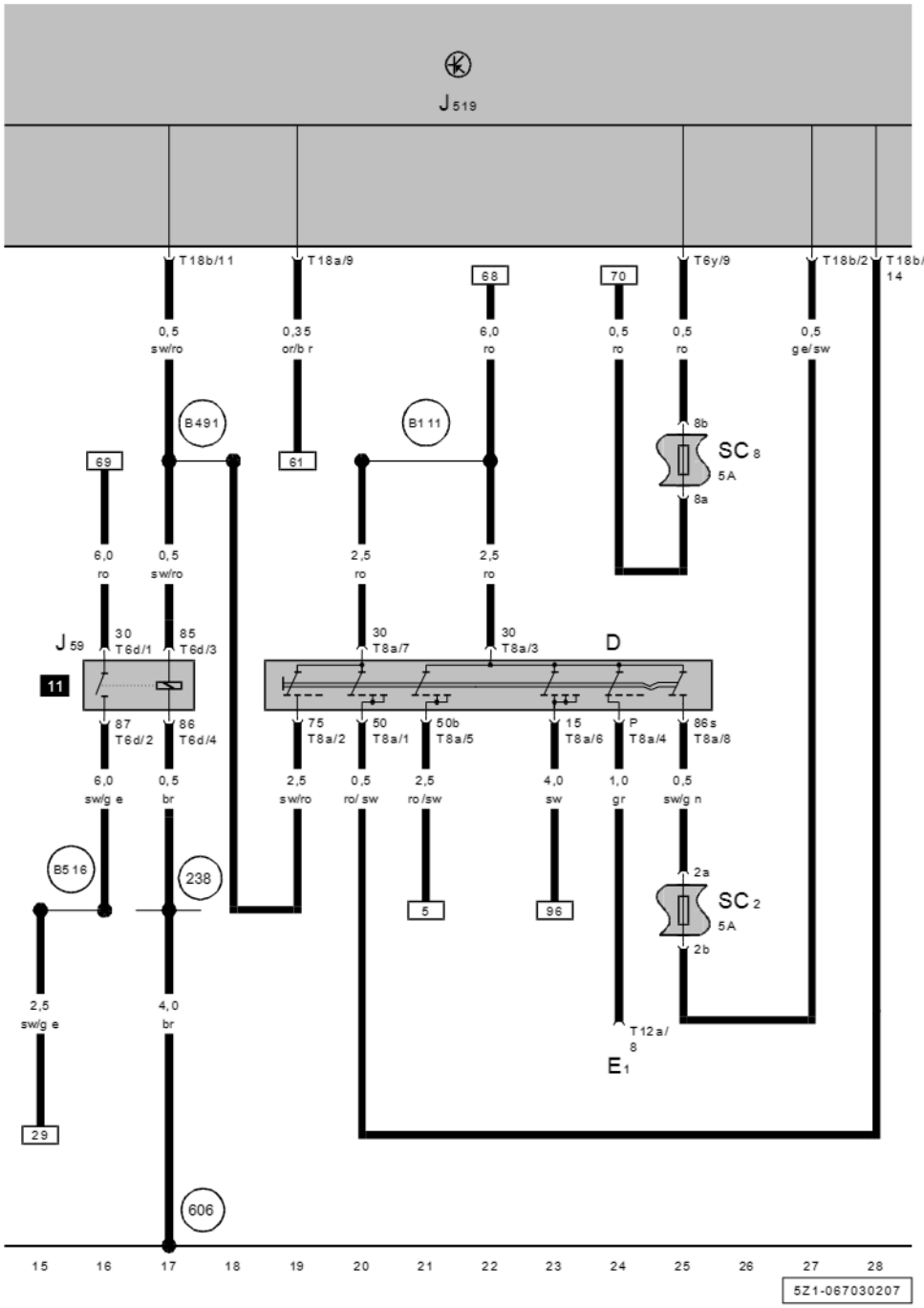


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S177	Fuse 5 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
S269	Fuse 11 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

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ro	=	red
rt	=	red
br	=	brown
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gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

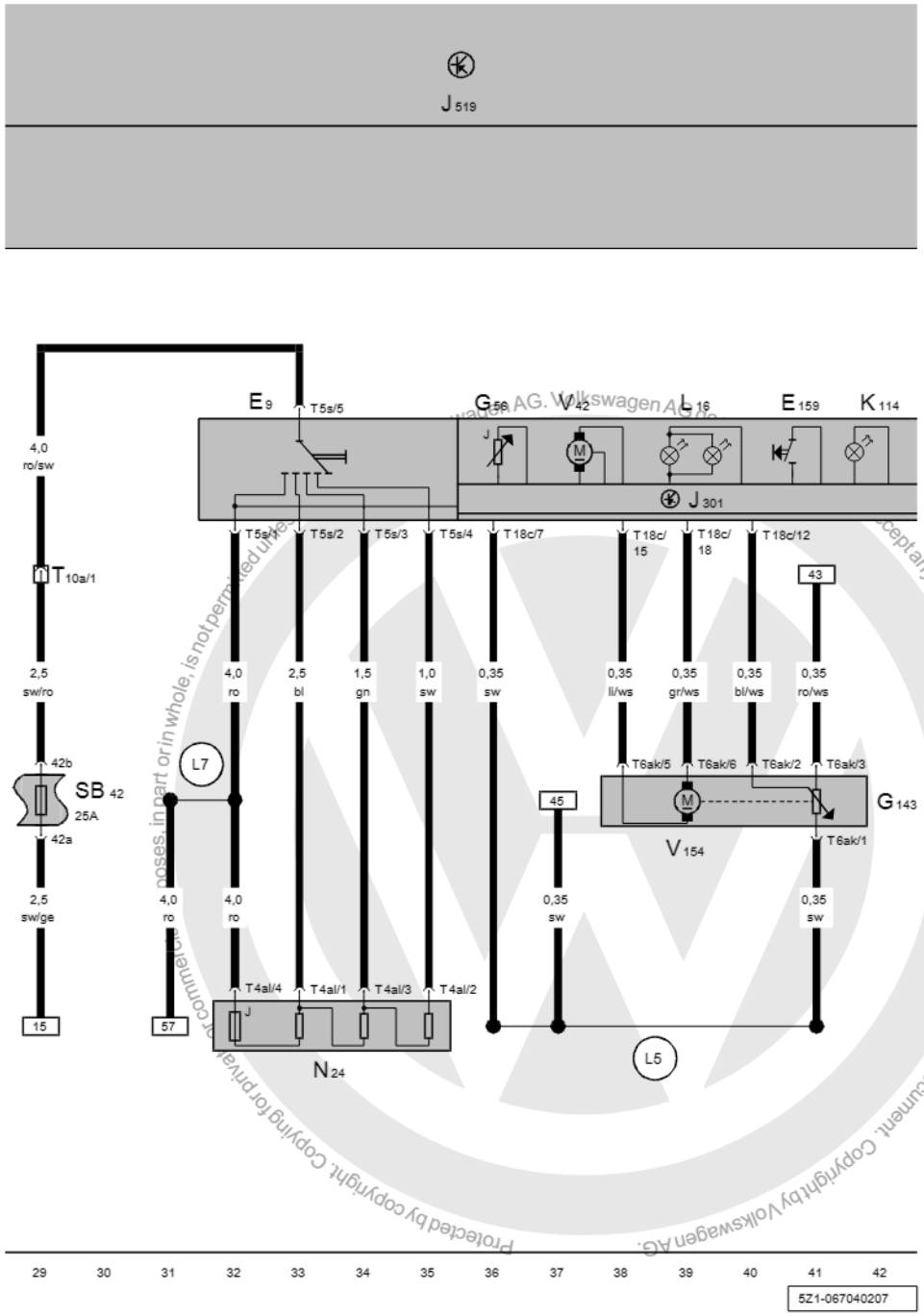


Ignition/starter switch, X-contact relief relay, onboard supply control unit

D	Ignition/starter switch
E1	Light switch
J59	X-contact relief relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC8	Fuse 8 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T6y	6-pin connector, on onboard supply control unit
T8a	8-connector, on ignition/starter switch
T12a	12-pin connector, on light switch
T18a	18-pin connector, on onboard supply control unit
T18b	18-pin connector, on onboard supply control unit
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B111	Positive connection 1 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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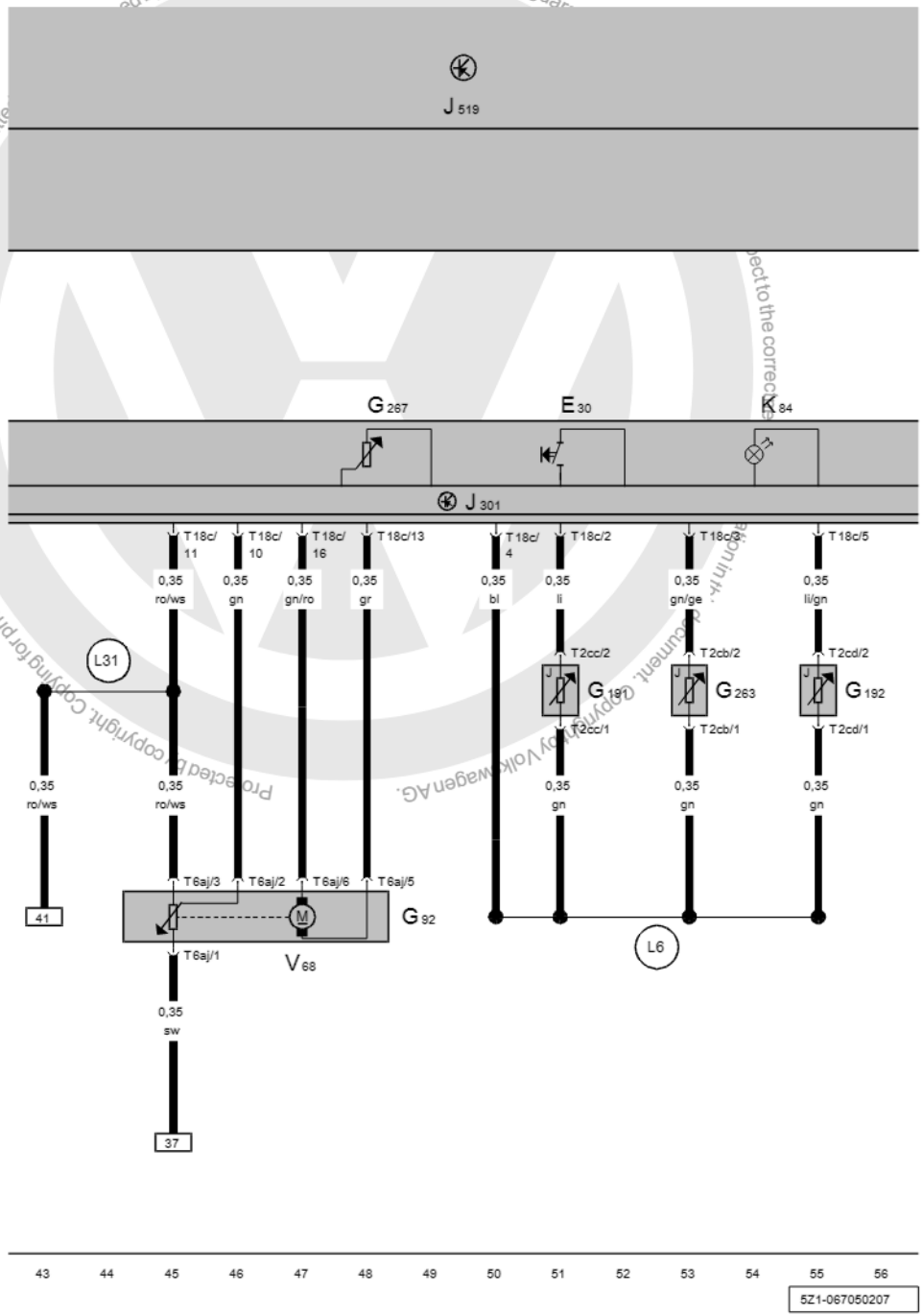


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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fresh air blower switch, dash panel temperature sensor, temperature sensor blower, fresh air and air recirculation flap control motor

E9	Fresh air blower switch
E159	Fresh air/air recirculation flap switch
G56	Dash panel temperature sensor
G143	Air recirculation flap control motor potentiometer
J301	Air conditioning system control unit
J519	Onboard supply control unit
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
SB42	Fuse 42 on fuse holder B
T4al	4-pin connector, on fresh air blower series resistor with overheating fuse
T5s	5-pin connector, on fresh air blower switch
T6ak	6-pin connector, on potentiometer for air recirculation flap control motor
T10a	10-pin connector, behind right dash panel
T18c	18-pin connector, on air conditioning system control unit
V42	Temperature sensor blower
V154	Fresh air/recirculated air flap control motor
L5	Connection 1, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness



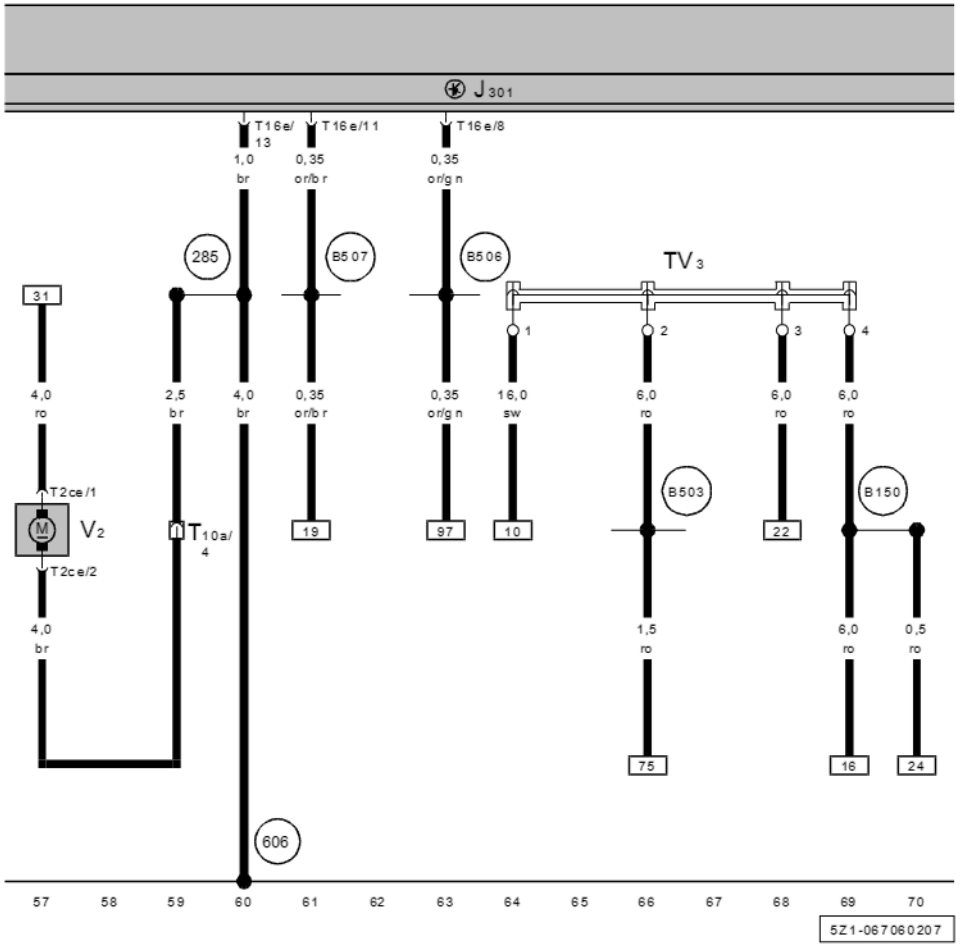
Air conditioning system switch, footwell vent temperature sender, evaporator output temperature sender, air conditioning system control unit

E30	Air conditioning system switch
G92	Temperature flap control motor potentiometer
G191	Centre vent temperature sender
G192	Footwell vent temperature sender
G263	Evaporator out-flow temperature sender
G267	Potentiometer for temperature selection rotary knob
J301	Air conditioning system control unit
J519	Onboard supply control unit
K84	Right turn signal warning lamp
T2cb	2-pin connector, on evaporator output temperature sender
T2cc	2-pin connector, on centre vent temperature sender
T2cd	2-pin connector, on footwell vent temperature sender
T6aj	6-pin connector, on potentiometer for temperature flap motor
T18c	18-pin connector, on air conditioning system control unit
V68	Temperature flap control motor
L6	Connection 2, in evaporator housing unit wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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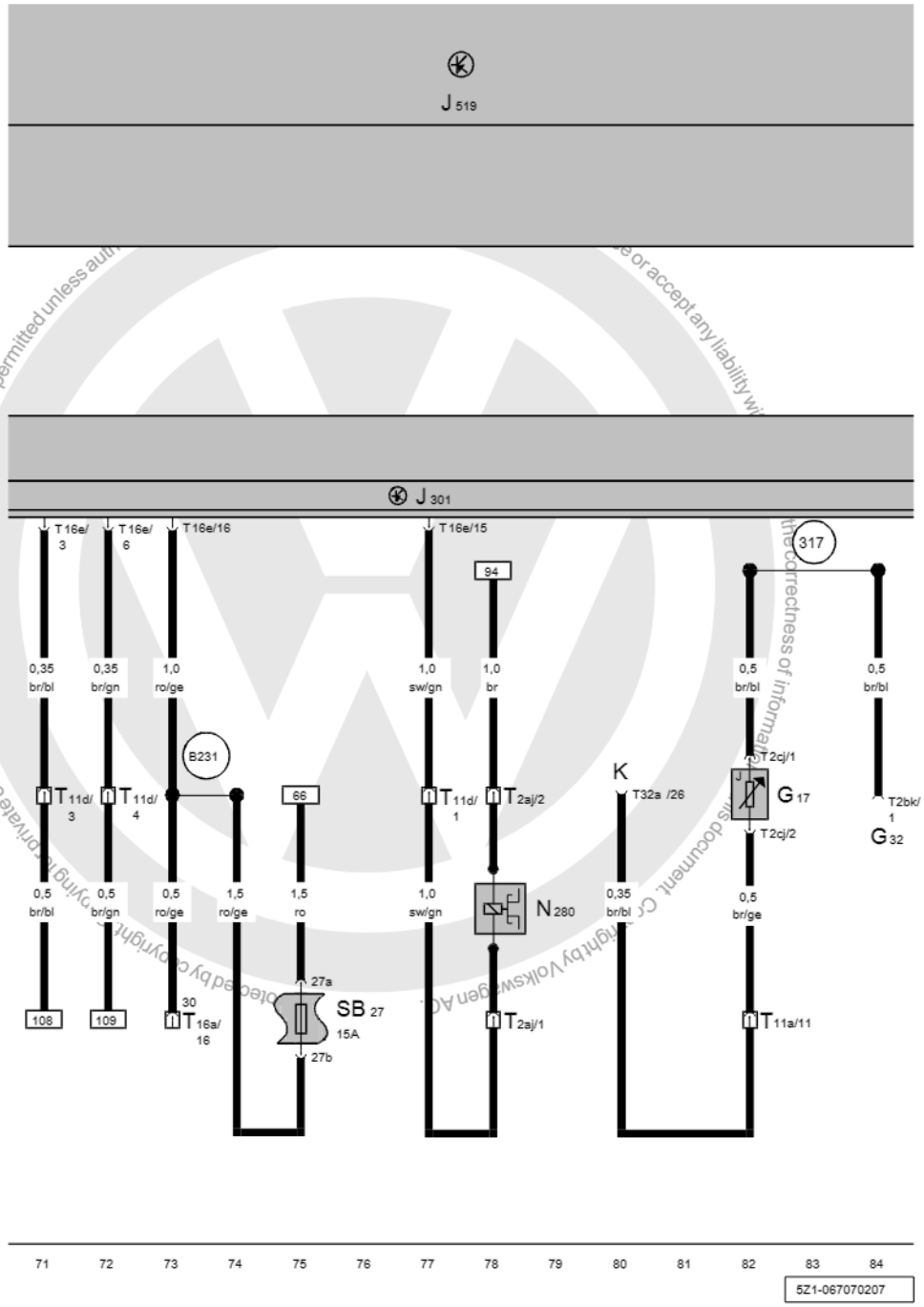


Air conditioning system control unit, onboard supply control unit, terminal 30a wiring junction, fresh air blower

J301	Air conditioning system control unit
J519	Onboard supply control unit
T2ce	2-pin connector, on fresh air blower
T10a	10-pin connector, behind right dash panel
T16e	16-pin connector, on air conditioning system control unit
TV3	Terminal 30a wiring junction
V2	Fresh air blower
285	Earth connection 7, in interior wiring harness
606	Earth point, under the centre console near selector lever
B150	Positive connection 2 (30a), in interior wiring harness
B503	Positive connection 7 (30a), in interior wiring harness
B506	Connection (convenience CAN bus, high), in interior wiring harness
B507	Connection (convenience CAN bus, low), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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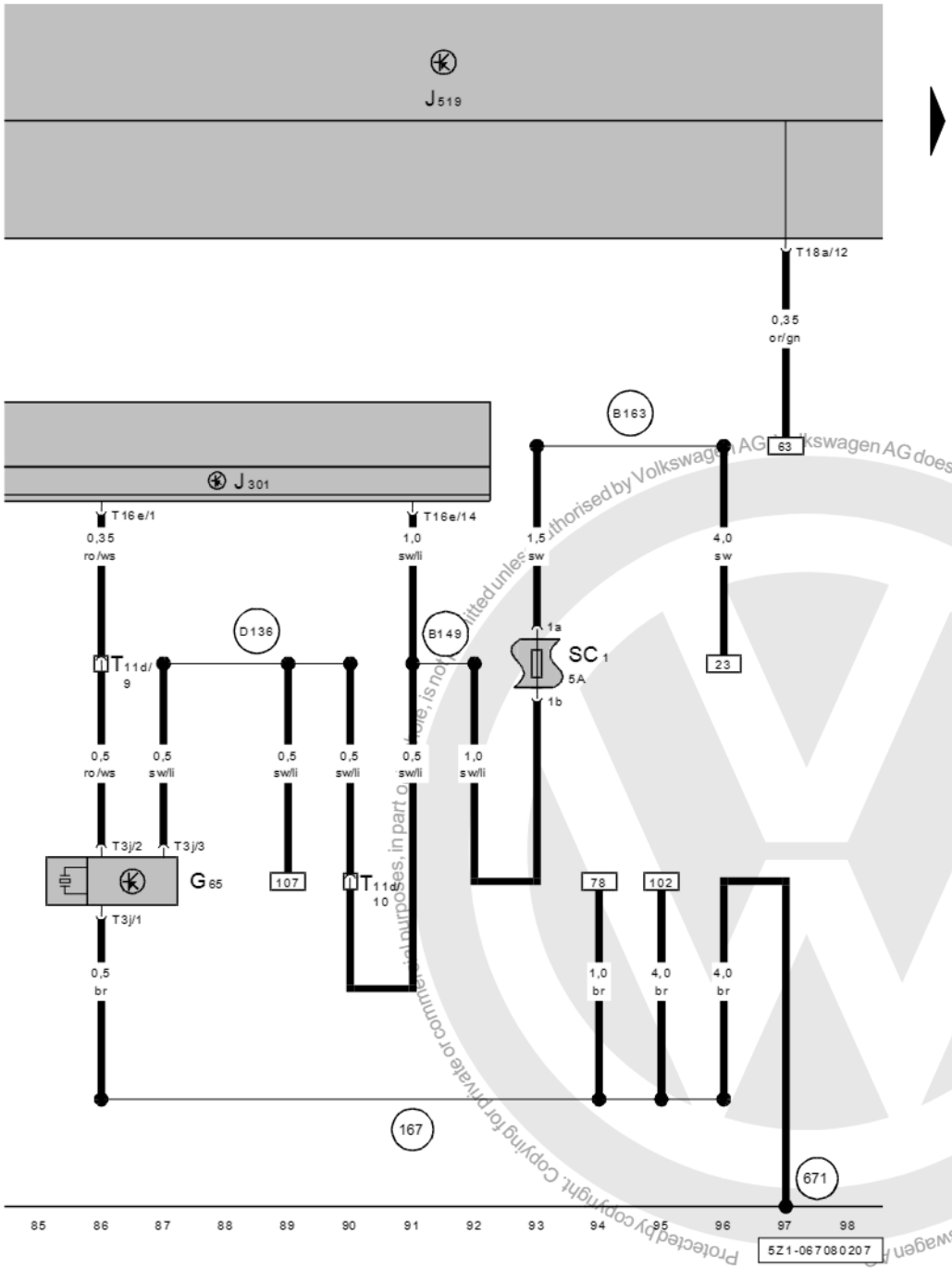


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Ambient temperature sensor, air conditioning system control unit, onboard supply control unit, air conditioner compressor regulating valve

G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
J301	Air conditioning system control unit
J519	Onboard supply control unit
K	Dash panel insert
N280	Air conditioning system compressor regulating valve
SB27	Fuse 27 on fuse holder B
T2aj	2-pin connector, on air conditioning system compressor regulating valve
T2bk	2-pin connector, on coolant shortage indicator sender
T2cj	2-pin connector, on ambient temperature sensor
T11a	11-pin connector, red, in left engine compartment
T11d	11-pin connector, brown, in left engine compartment
T16a	16-pin connector, on fuse holder
T16e	16-pin connector, on air conditioning system control unit
T32a	32-pin connector, on dash panel insert
317	Earth connection 7, in engine compartment wiring harness
B231	Positive connection 5 (30a), in interior wiring harness

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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

High pressure sender, air conditioning system control unit, onboard power supply control unit

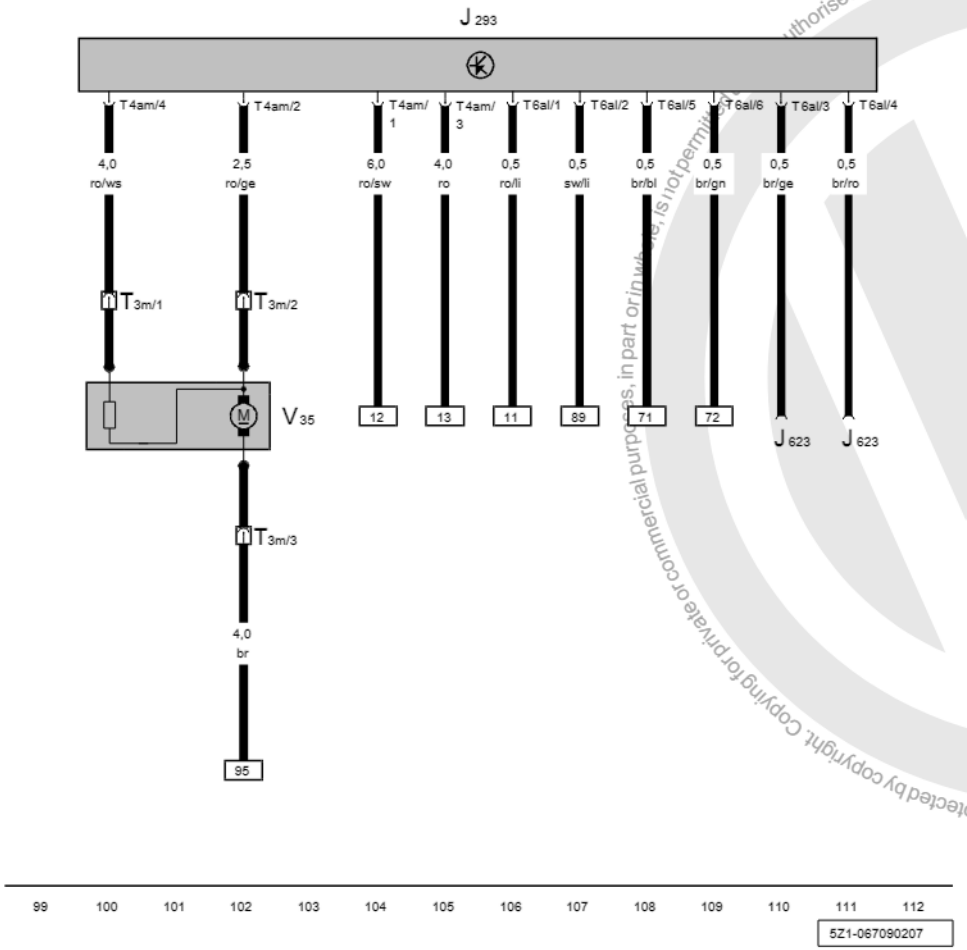
G65	High pressure sender
J301	Air conditioning system control unit
J519	Onboard supply control unit
SC1	Fuse 1 on fuse holder C
T3j	3-pin connector, on high pressure sender
T11d	11-pin connector, brown, in left engine compartment
T16e	16-pin connector, on air conditioning system control unit
T18a	18-pin connector, on onboard supply control unit
167	Earth connection 4, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
B149	Positive connection 2 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
D136	Connection 2 (15a), in engine compartment wiring harness

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Radiator fan control unit, onboard supply control unit, radiator fan on right

J293	Radiator fan control unit
J519	Onboard supply control unit
J623	Engine control unit
T3m	3-pin connector, on radiator fan on right
T4am	4-pin connector, on radiator fan control unit
T6al	6-pin connector, on radiator fan control unit
V35	Right radiator fan



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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1.0 l - 4BV/52 kW, engine code AQZ

from April 2007

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

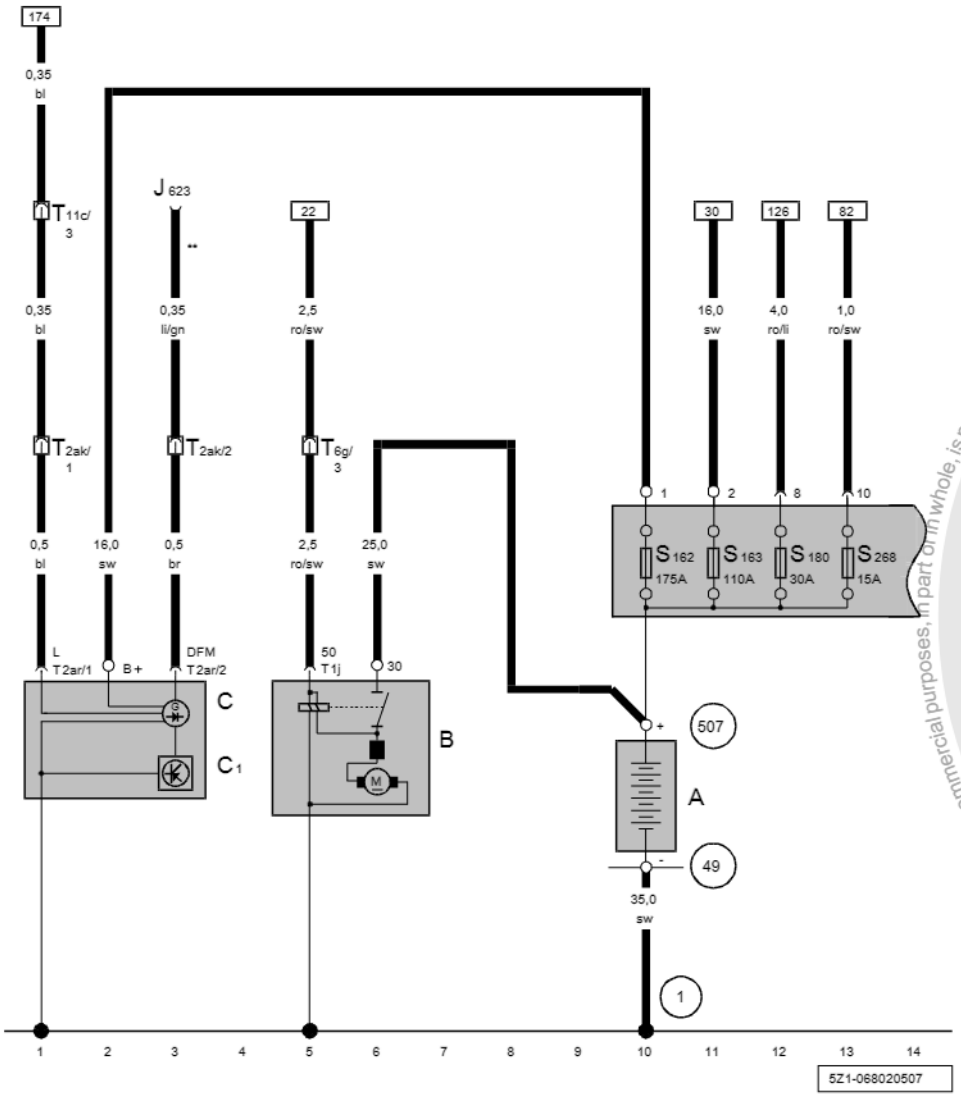
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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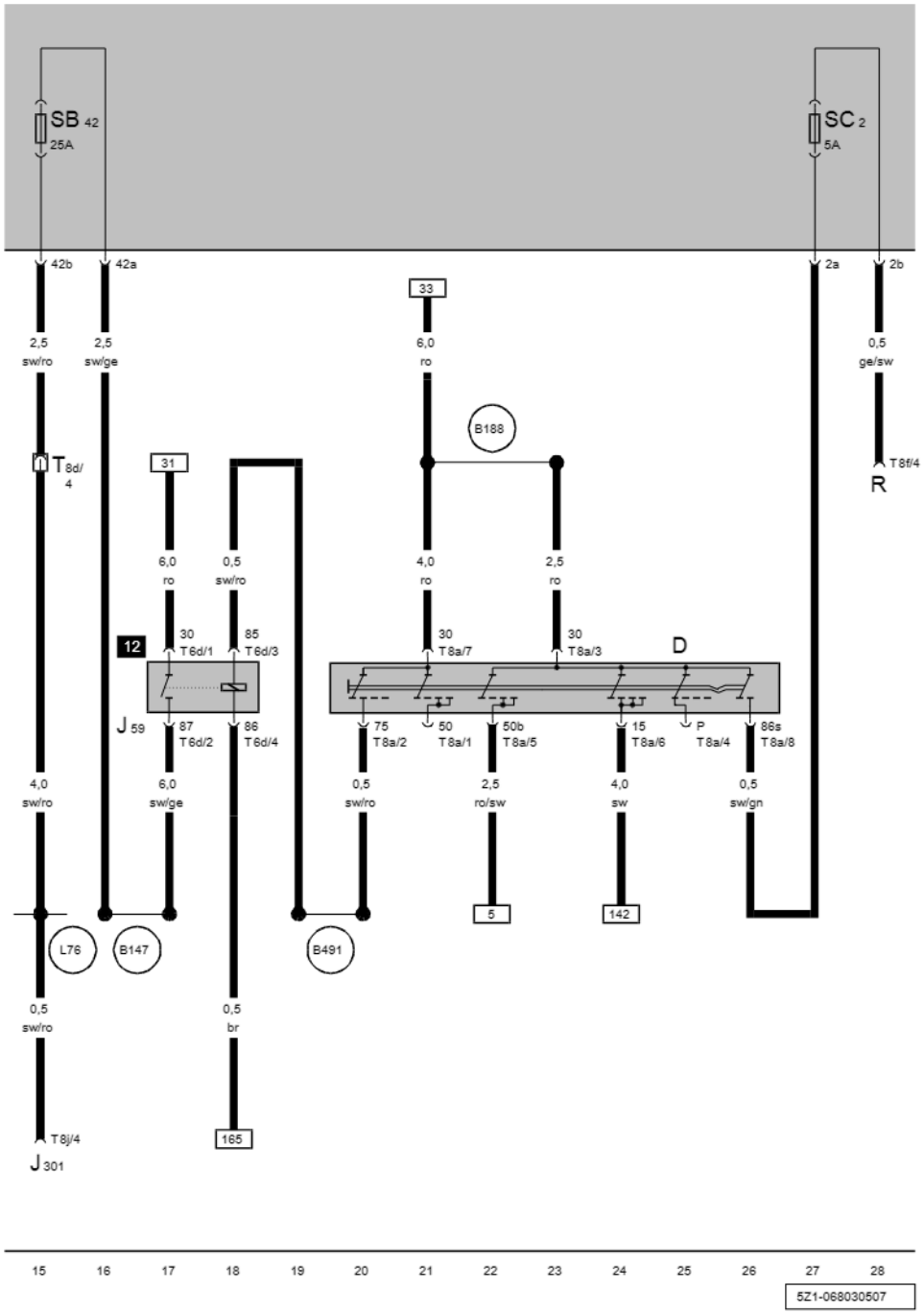


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
S268	Fuse 10 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery
**	only for 1.6 l engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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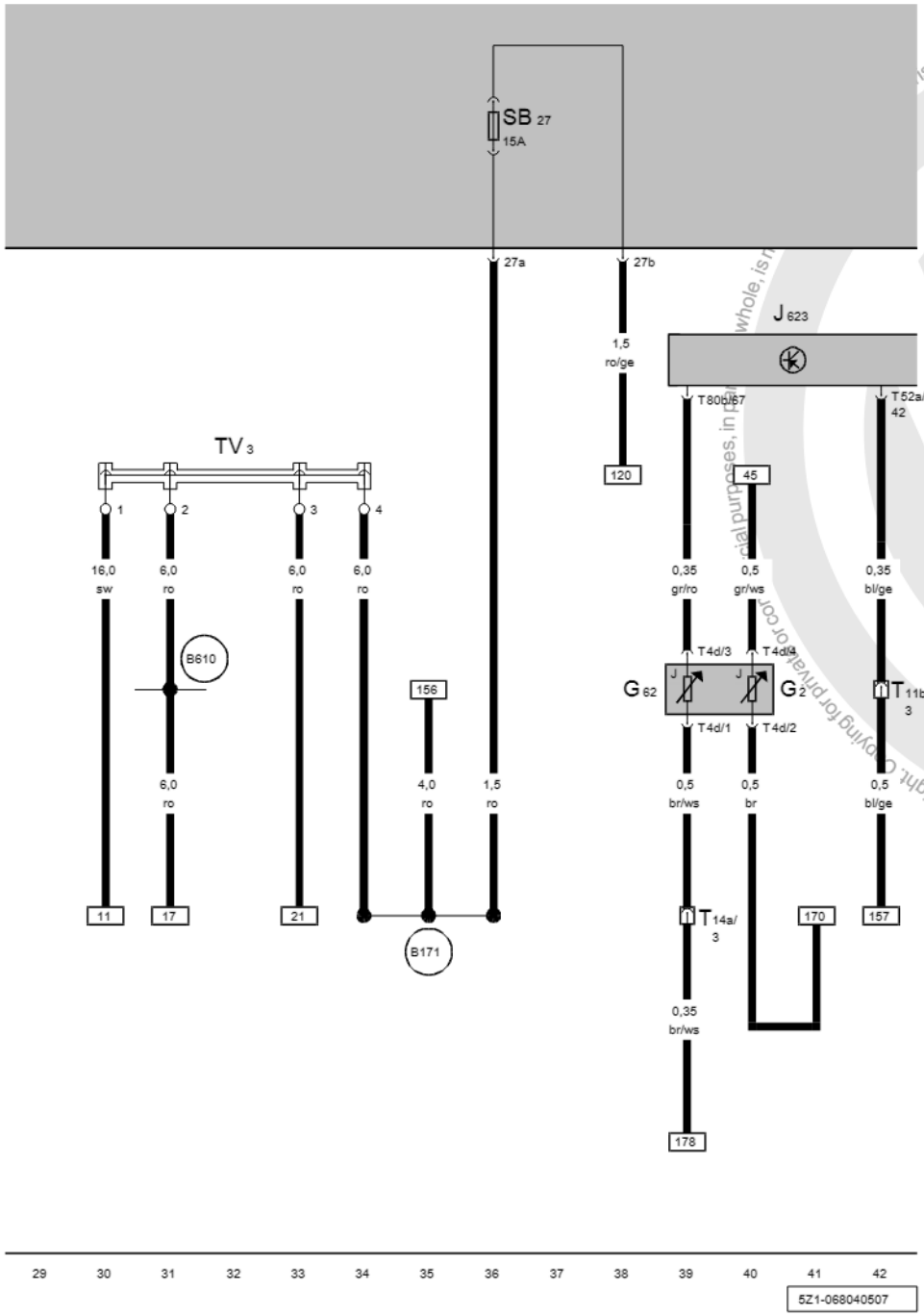


Ignition/starter switch, X-contact relief relay

D	Ignition/starter switch
J59	X-contact relief relay
J301	Air conditioning system control unit
R	Radio
SB42	Fuse 42 on fuse holder B
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
T8d	8-pin connector, behind centre dash panel
T8f	8-connector, on radio
T8j	8-pin connector, on air conditioning system control unit
B188	Positive connection 5 (30), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
L76	Connection (87), in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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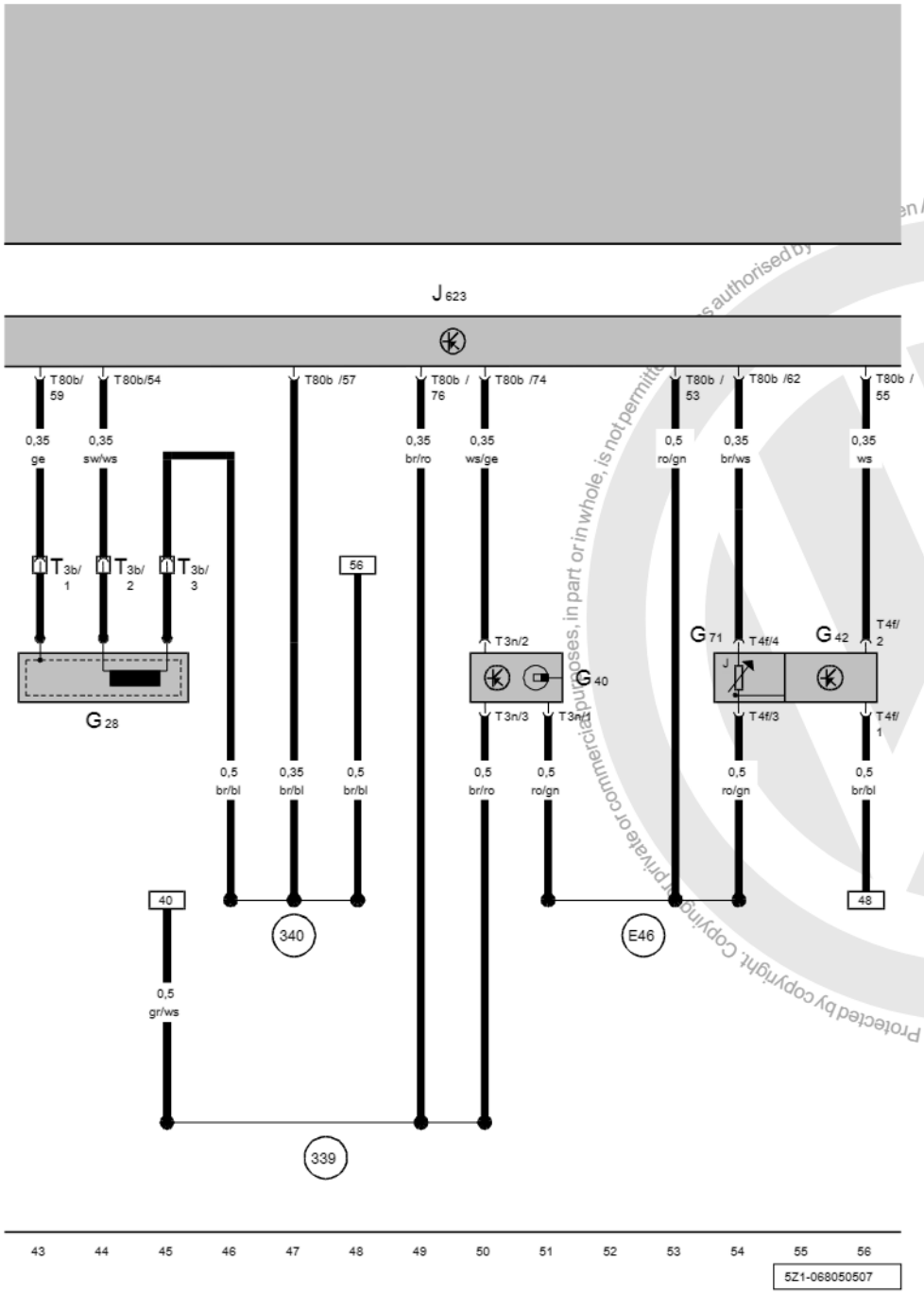


Coolant temperature display sender, coolant temperature sender, engine control unit

G2	Coolant temperature display sender
G62	Coolant temperature display sender
J623	Engine control unit
SB27	Fuse 27 on fuse holder B
T4d	4-pin connector, on coolant temperature display sender
T11b	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T52a	52-pin connector, on engine control unit
T80b	80-pin connector, on engine control unit
TV3	Terminal 30a wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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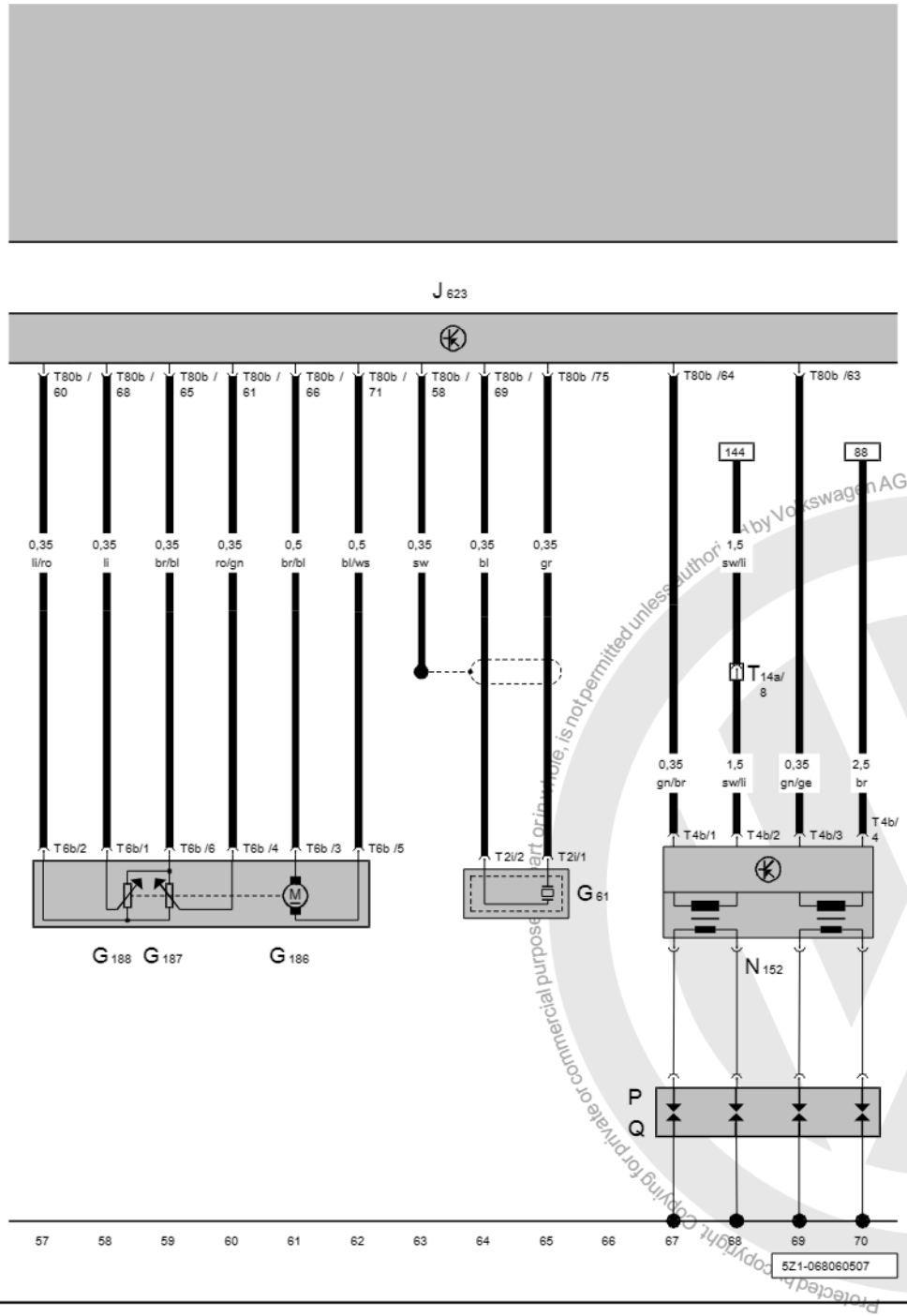


Engine speed sender, Hall sender, intake air temperature sender, intake manifold pressure sender, engine control unit

G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
J623	Engine control unit
T3b	3-pin connector, on engine speed sender
T3n	3-pin connector, on Hall sender
T4f	4-pin connector, on intake air temperature sender
T80b	80-pin connector, on engine control unit
339	Earth connection (sender earth), in injection system wiring harness
340	Earth connection 2, in injection system wiring harness
E46	Positive connection 1 (5 Volt), in injection system wiring harness

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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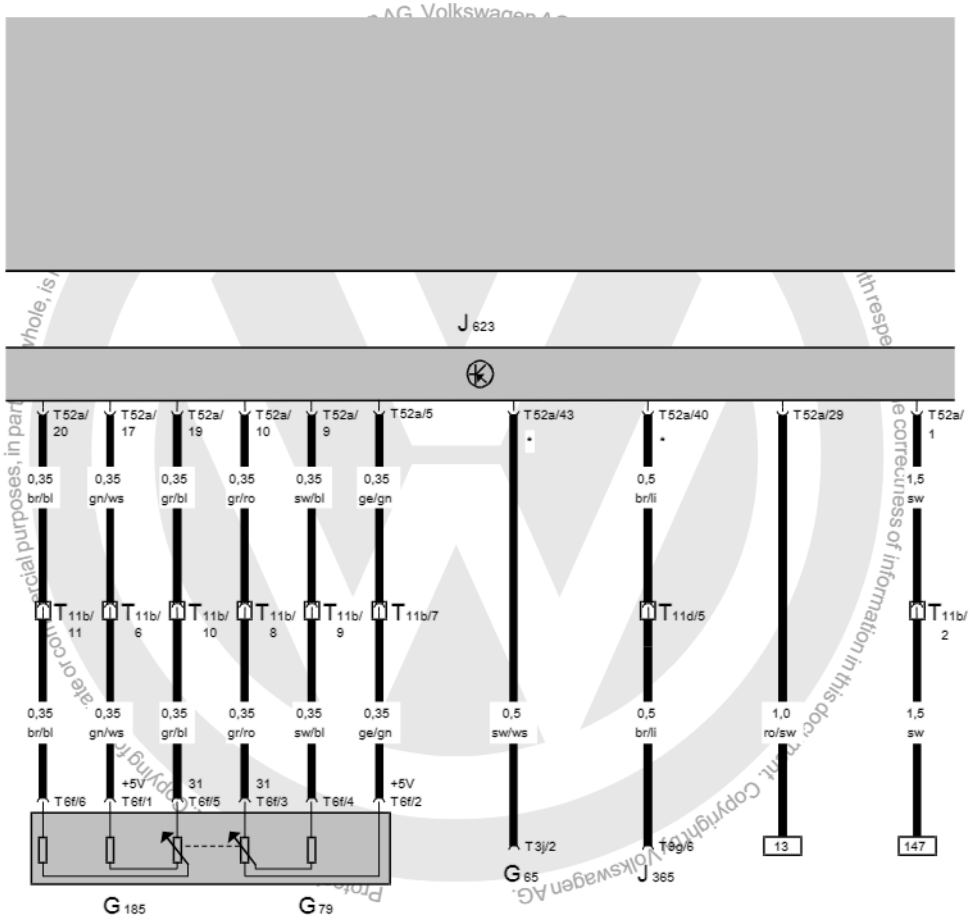


Knock sensor 1, throttle valve drive for electric throttle (EPC), throttle valve drive angle sender 1 for electric throttle (EPC), ignition transformer, spark plug connector, spark plugs

G61	Knock sensor 1
G186	Throttle valve drive for electric throttle (EPC)
G187	Throttle valve drive angle sender 1 for electric throttle (EPC)
G188	Throttle valve drive angle sender 2 for electric throttle (EPC)
J623	Engine control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plugs
T2i	2-pin connector, on knock sensor 1
T4b	4-pin connector, on ignition transformer
T6b	6-pin connector, on throttle valve drive for electric throttle (EPC)
T14a	14-pin connector, in left engine compartment
T80b	80-pin connector, on engine control unit

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

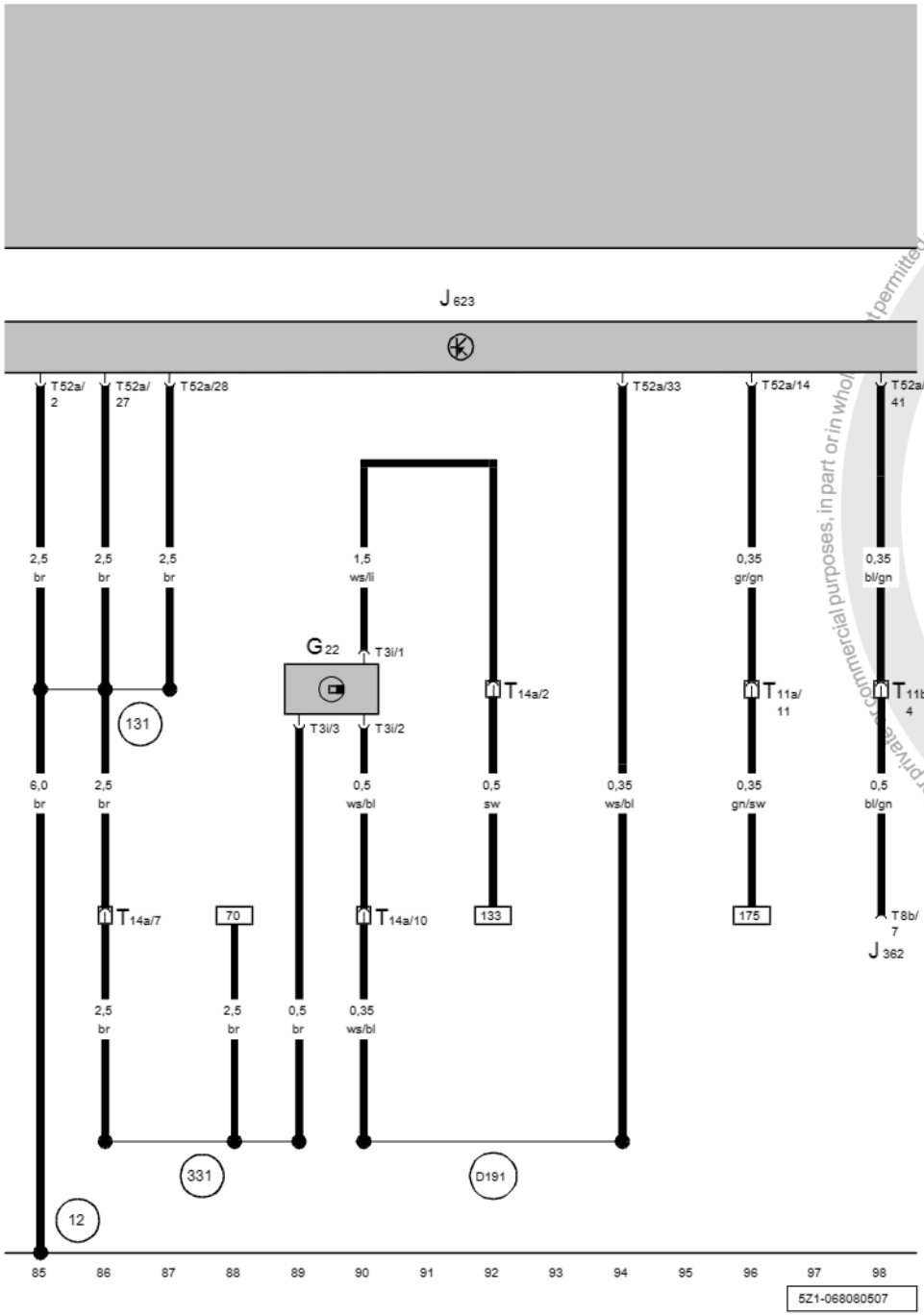
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Accelerator position sender, accelerator position sender 2, engine control unit

G65	High pressure sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J365	Air conditioning system switch-off relay
J623	Engine control unit
T3j	3-pin connector, on high pressure sender
T6f	6-pin connector, on accelerator position sender
T9g	9-pin connector, on air conditioning system switch-off relay
T11b	11-pin connector, in left engine compartment
T11d	11-pin connector, in left engine compartment
T52a	52-pin connector, on engine control unit
*	only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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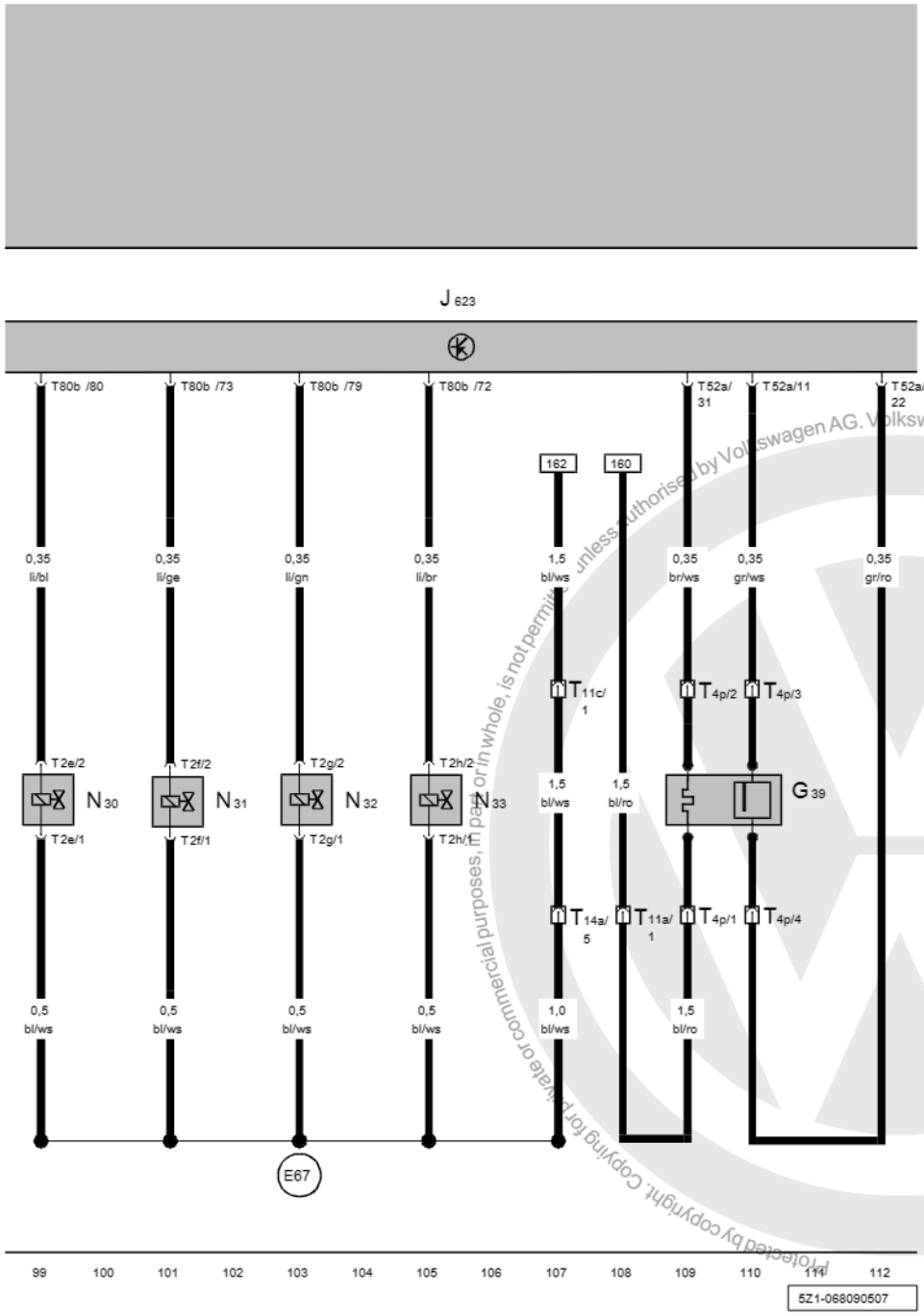


Speedometer sender, engine control unit

G22	Speedometer sender
J362	Immobilizer control unit
J623	Engine control unit
T3i	3-pin connector, on speedometer sender
T8b	8-pin connector, on immobilizer control unit
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T52a	52-pin connector, on engine control unit
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
331	Earth connection, in injection system wiring harness
D191	Connection (speedometer sender), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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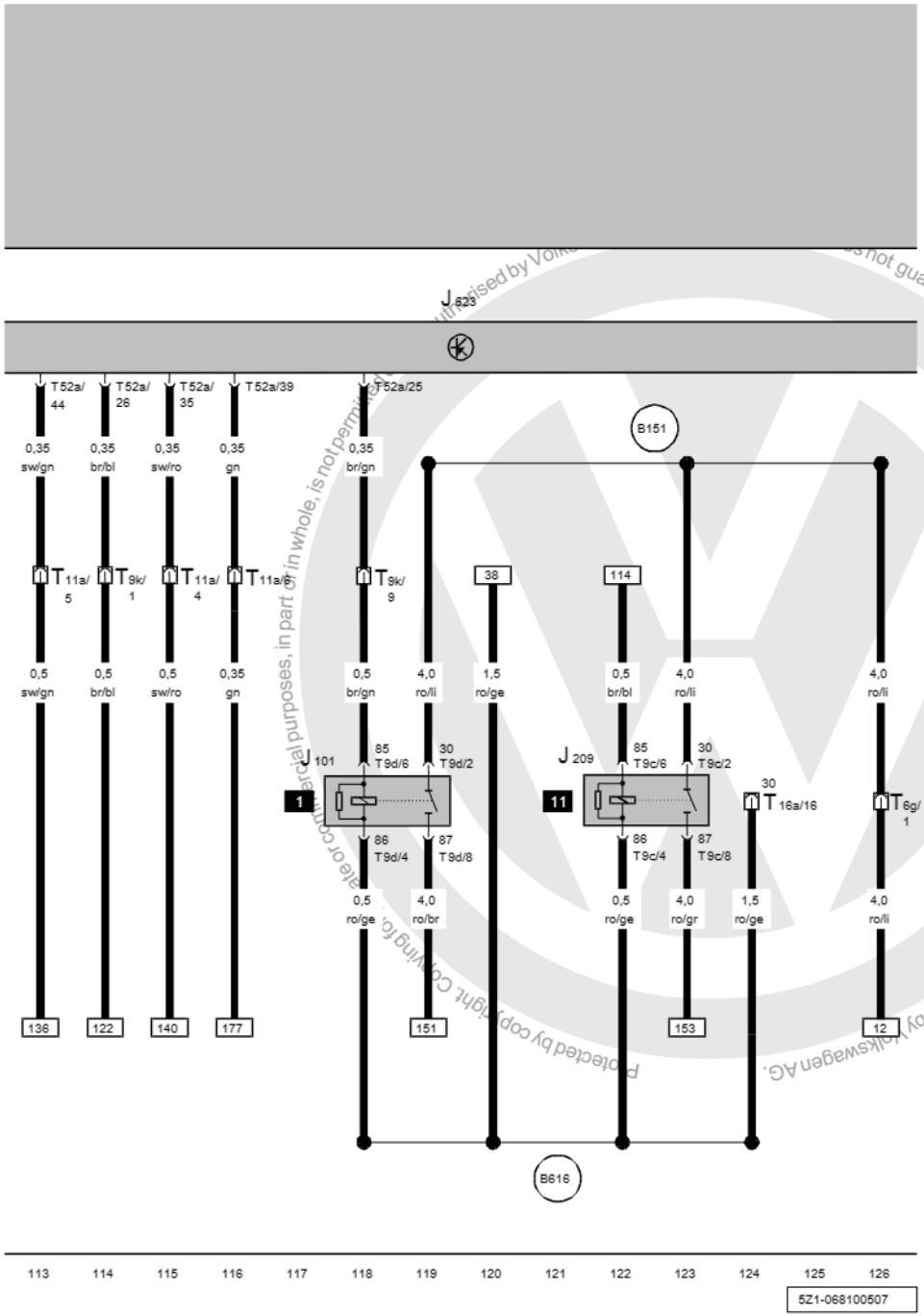


Lambda probe, engine control unit, injector, cylinder 1, injector, cylinder 2, injector, cylinder 3, injector, cylinder 4

G39	Lambda probe
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2e	2-pin connector, on injector, cylinder 1
T2f	2-pin connector, on injector, cylinder 2
T2g	2-pin connector, on injector, cylinder 3
T2h	2-pin connector, on injector, cylinder 4
T4p	4-pin connector, on lambda probe
T11a	11-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T52a	52-pin connector, on engine control unit
T80b	80-pin connector, on engine control unit
E67	Connection 1 (87a), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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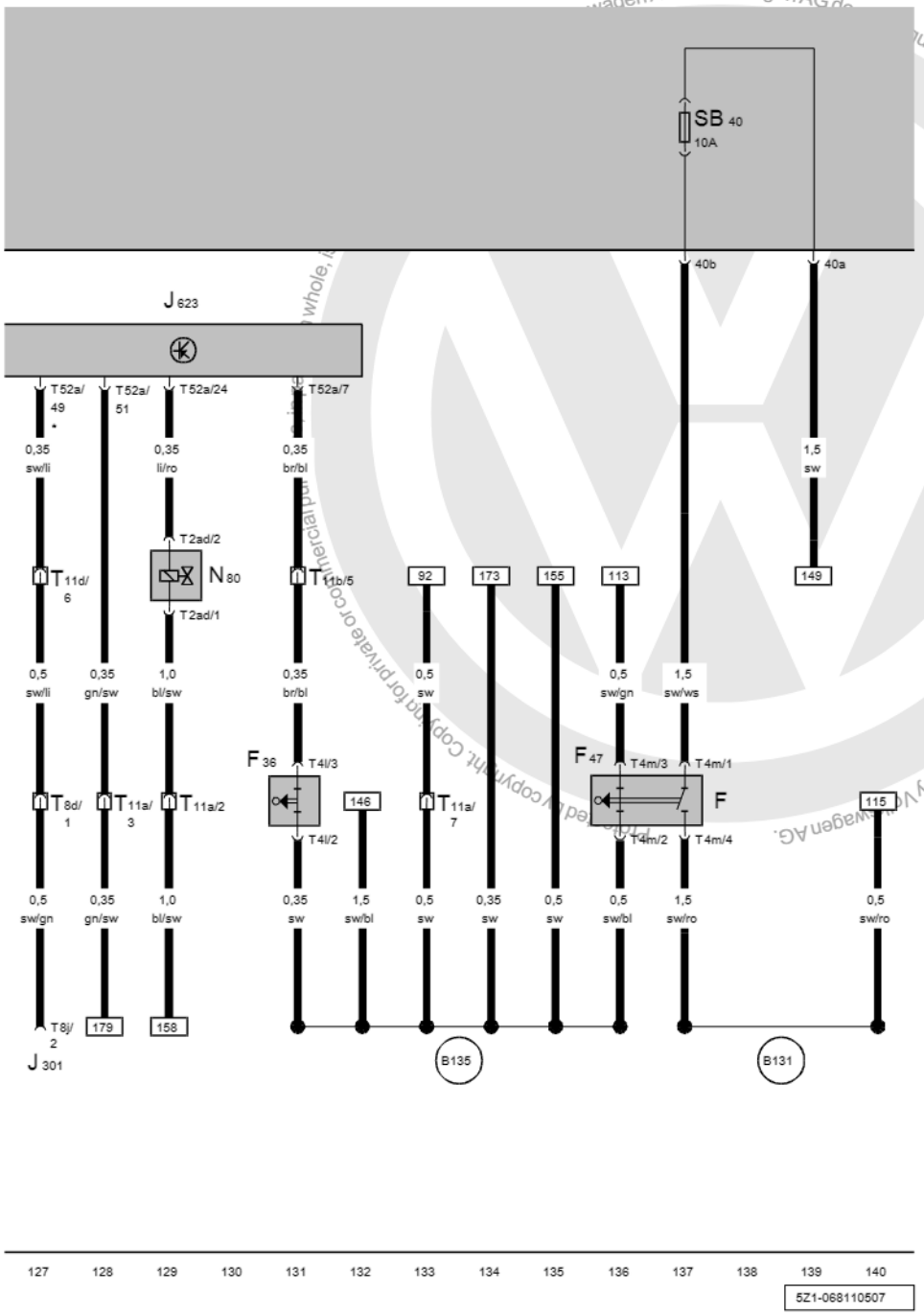


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vi = purple
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or = orange
rs = pink

Radiator fan 2nd speed relay, fresh air blower and radiator fan relay, engine control unit

J101	Radiator fan 2nd speed relay
J209	Fresh air blower and radiator fan relay
J623	Engine control unit
T6g	6-pin connector, in left engine compartment
T9c	9-pin connector, on fresh air blower and radiator fan relay
T9d	9-pin connector, on radiator fan 2nd speed relay
T9k	9-pin connector, in left engine compartment
T11a	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T52a	52-pin connector, on engine control unit
B151	Positive connection 3 (30a), in interior wiring harness
B616	Positive connection 12 (30a), in interior wiring harness

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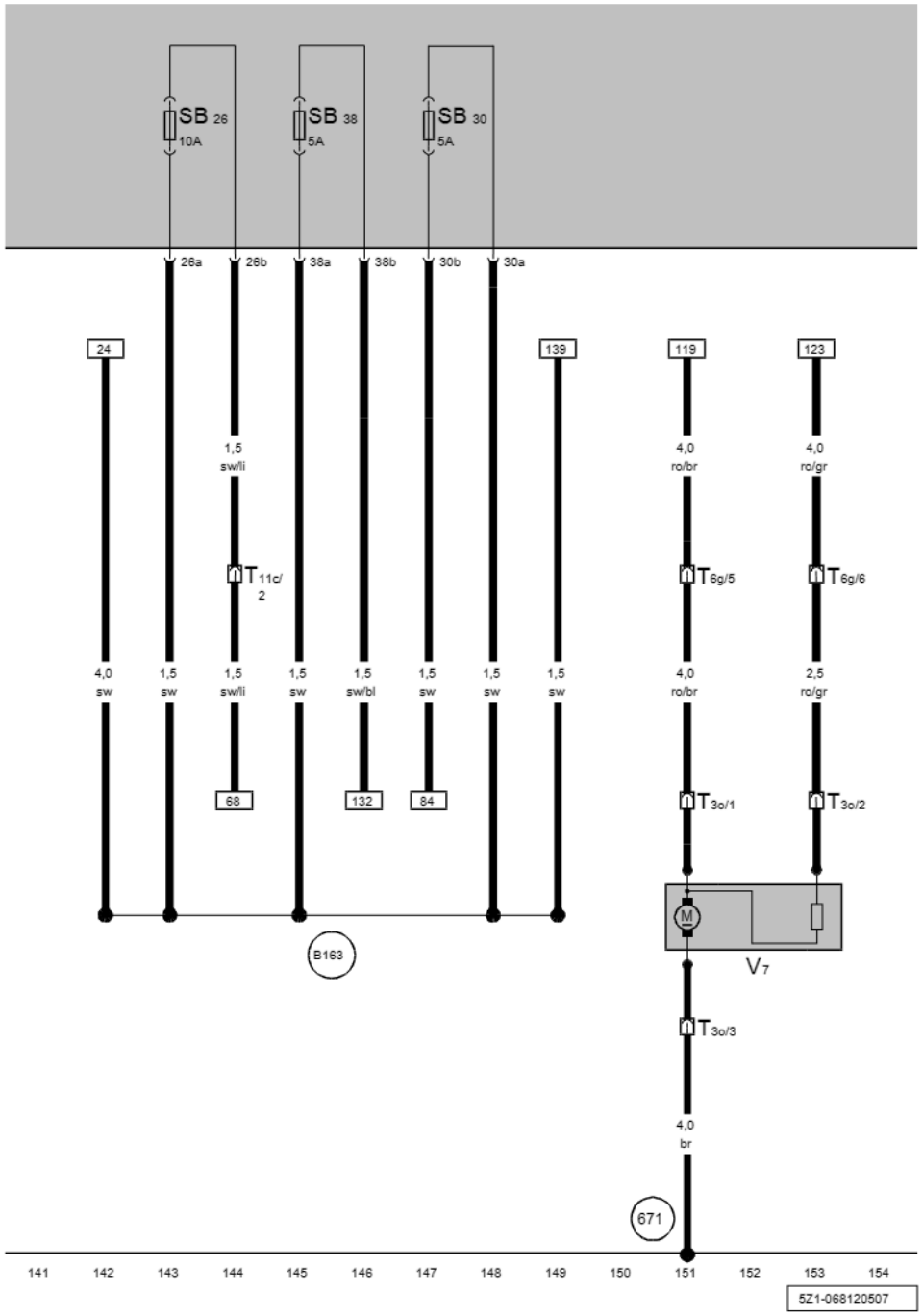


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Brake light switch, clutch pedal switch, brake pedal switch, engine control unit, activated charcoal filter system solenoid valve 1

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J301	Air conditioning system control unit
J623	Engine control unit
N80	Activated charcoal filter system solenoid valve 1
SB40	Fuse 40 on fuse holder B
T2ad	2-pin connector, on active charcoal filter system solenoid valve 1
T4l	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake pedal switch
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T11d	11-pin connector, in left engine compartment
T52a	52-pin connector, on engine control unit
B131	Connection (54), in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
*	only models with air conditioning system

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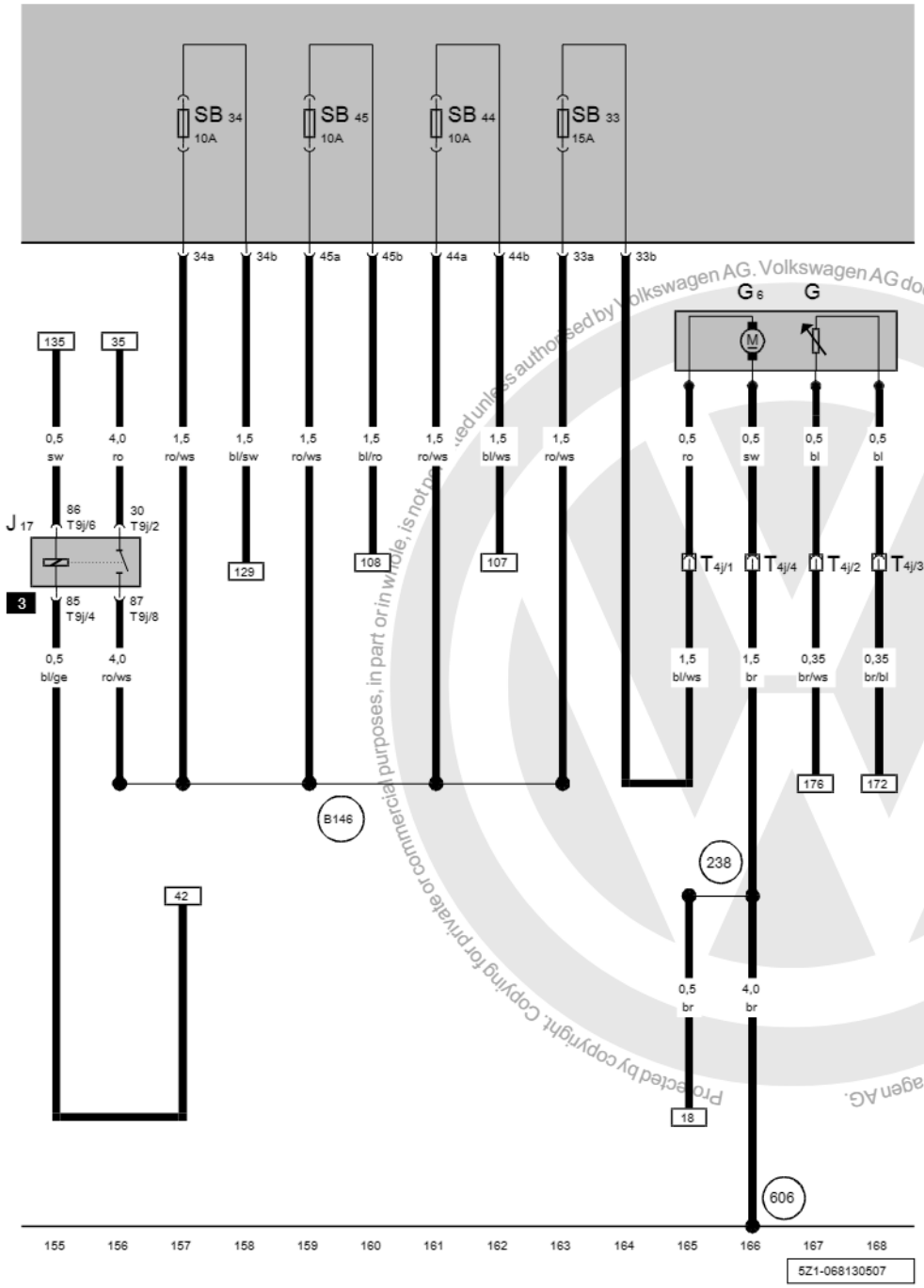


Radiator fan

SB26	Fuse 26 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB38	Fuse 38 on fuse holder B
T3o	3-pin connector, on radiator fan
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
V7	Radiator fan
671	Earth point 1, on front of left longitudinal member
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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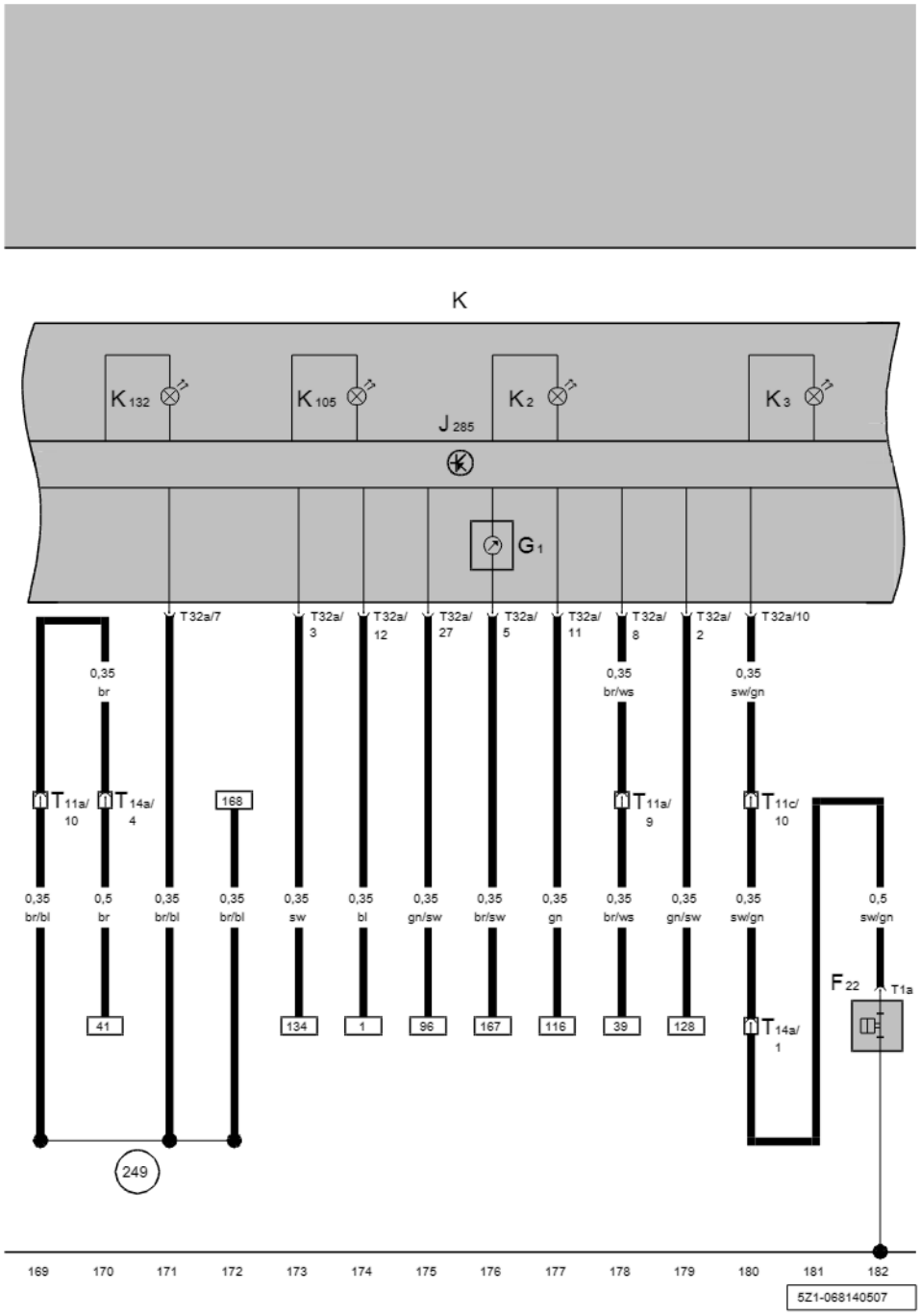
Fuel gauge sender, fuel system pressurisation pump, fuel pump relay

G	Fuel gauge sender
G6	Fuel system pressurisation pump
J17	Fuel pump relay
SB33	Fuse 33 on fuse holder B
SB34	Fuse 34 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
T4j	4-pin connector, on fuel system pressurisation pump
T9j	9-pin connector, on fuel pump relay
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B146	Positive connection 1 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Oil pressure switch, control unit in dash panel insert, dash panel insert, alternator warning lamp, oil pressure warning lamp

F22	Oil pressure switch
G1	Fuel gauge
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K105	Reserve fuel warning lamp
K132	Electric power control fault lamp
T1a	Single pin connector, on oil pressure switch
T11a	11-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert
(249)	Earth connection 2, in interior wiring harness



ws = white
sw = black
ro = red
rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
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Convenience system

from April 2007

Notes:

For information concerning

- Position of relays and fuses
- Pin connectors
- Control units
- Earth connection

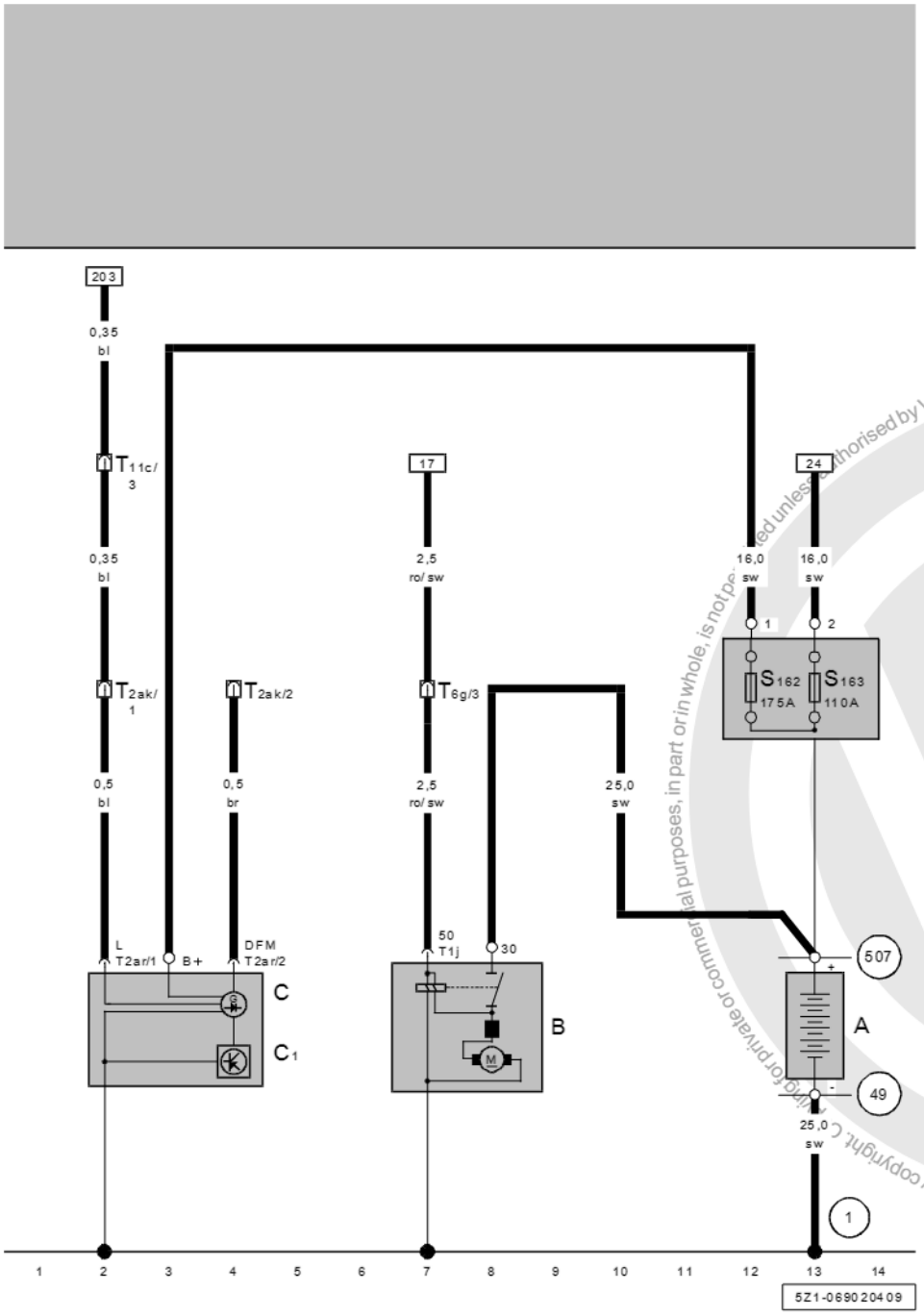
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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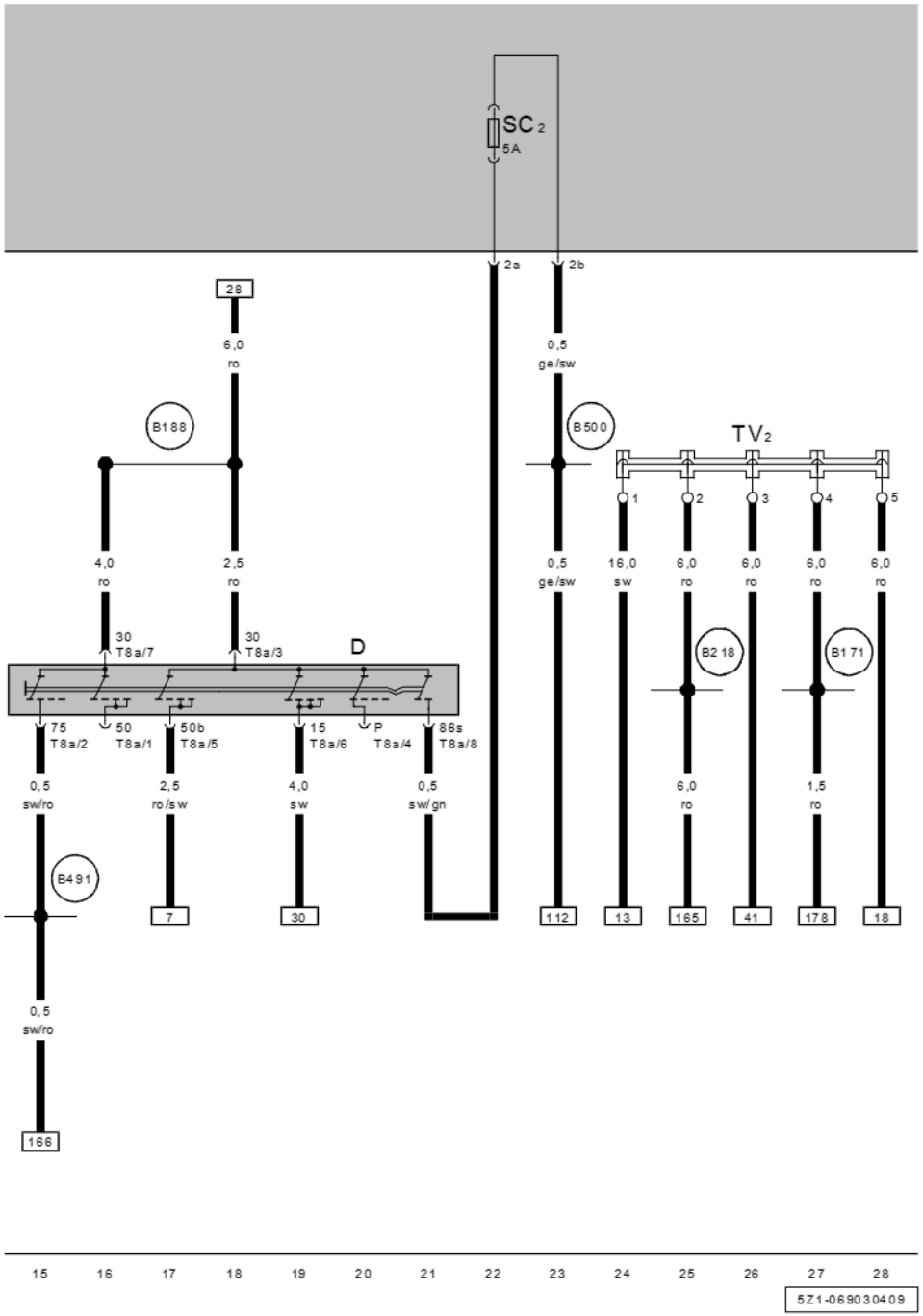


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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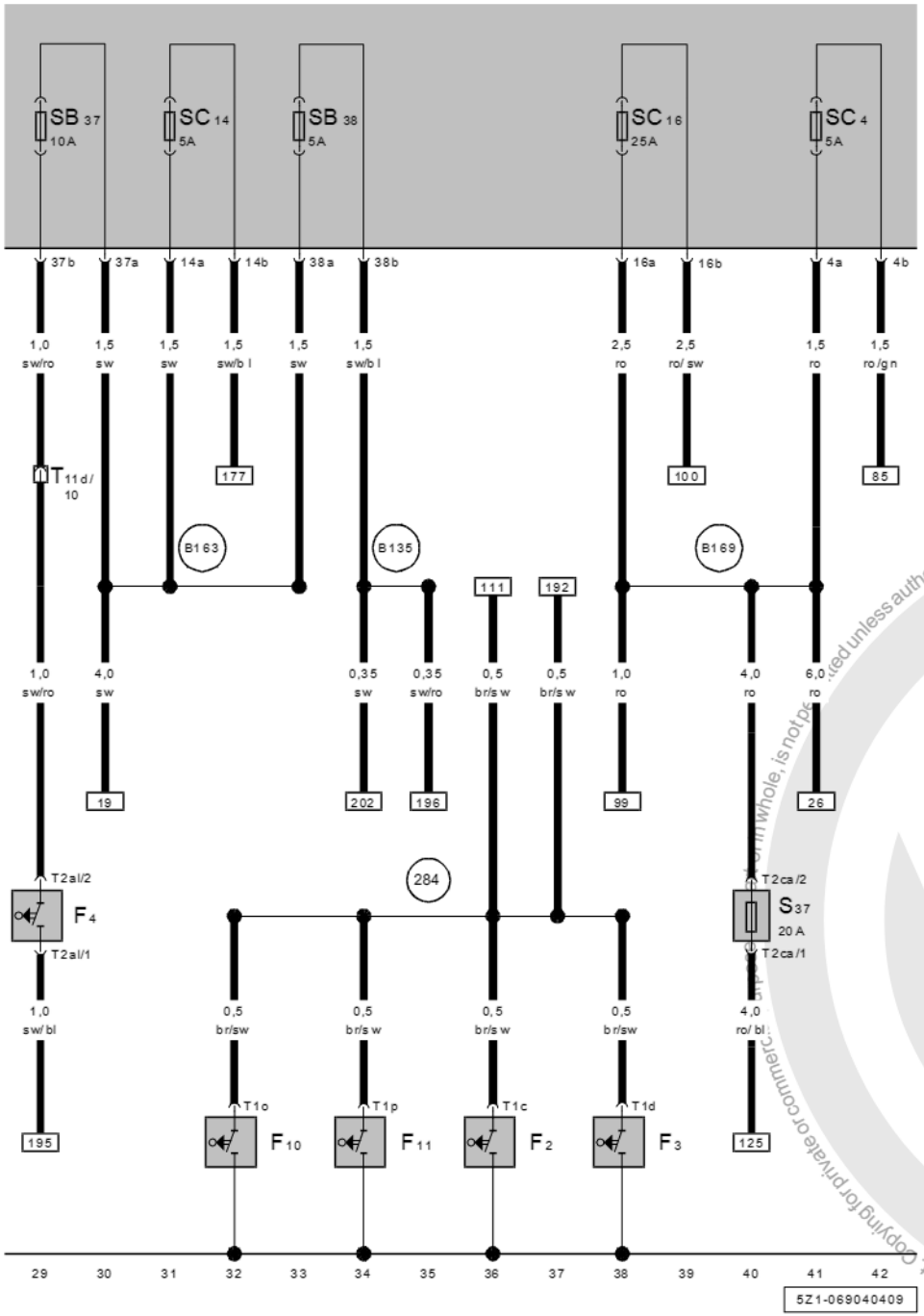


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector, on ignition/starter switch
TV2	Terminal 30 wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
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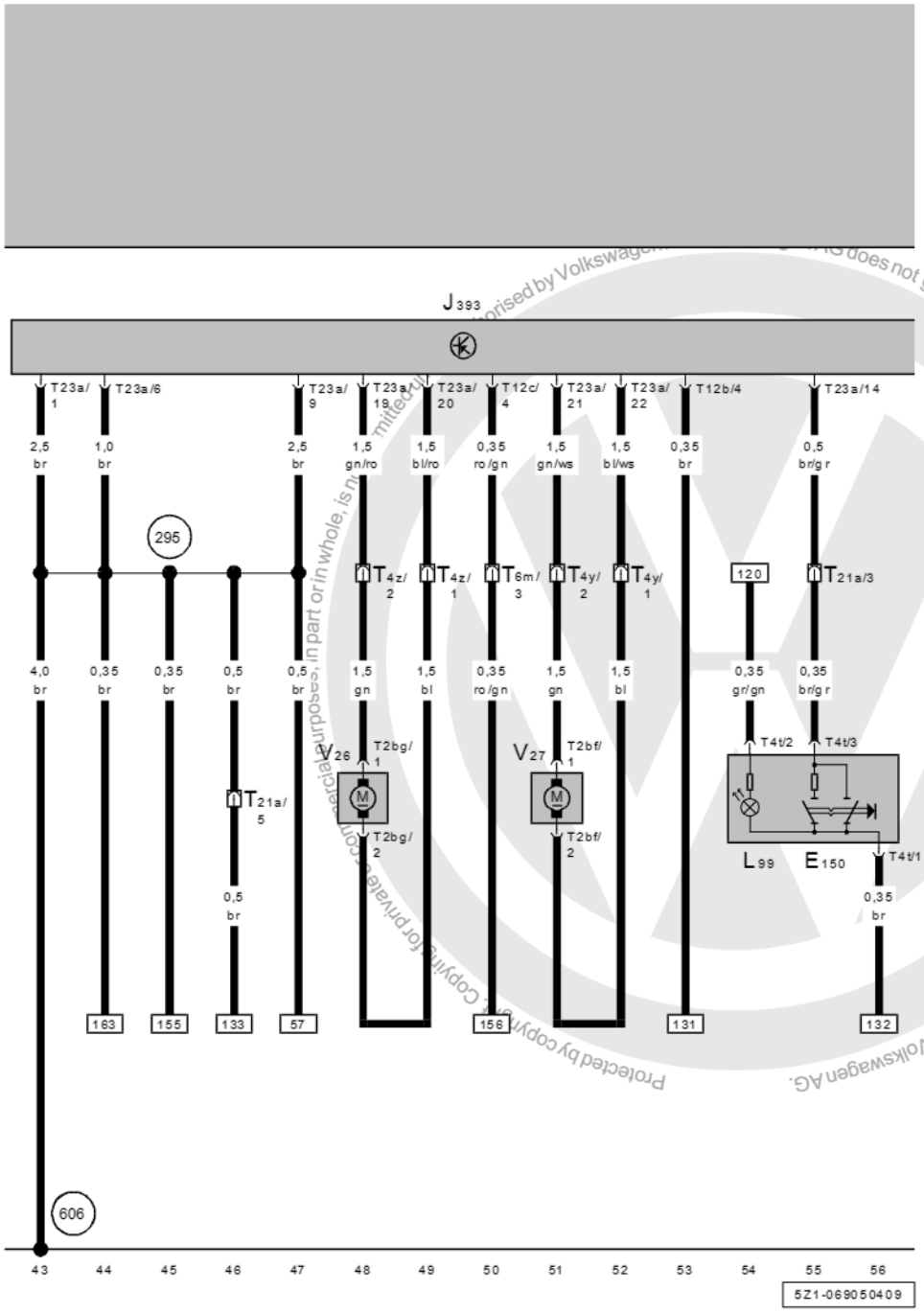


Driver door contact switch, front passenger door contact switch, reversing light switch, rear left door contact switch, rear right door contact switch

F2	Driver door contact switch
F3	Front passenger door contact switch
F4	Reversing light switch
F10	Rear left door contact switch
F11	Rear right door contact switch
S37	Window regulator single fuse
SB37	Fuse 37 on fuse holder B
SB38	Fuse 38 on fuse holder B
SC4	Fuse 4 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC16	Fuse 16 on fuse holder C
T1c	Single connector, on driver door contact switch
T1d	Single connector, on front passenger door contact switch
T1o	Single pin connector, on rear left door contact switch
T1p	Single pin connector, on rear right door contact switch
T2al	2-pin connector, on reversing light switch
T2ca	2-pin connector, on window regulator single fuse
T11d	11-pin connector, in left engine compartment
284	Earth connection 6, in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B169	Positive connection 1 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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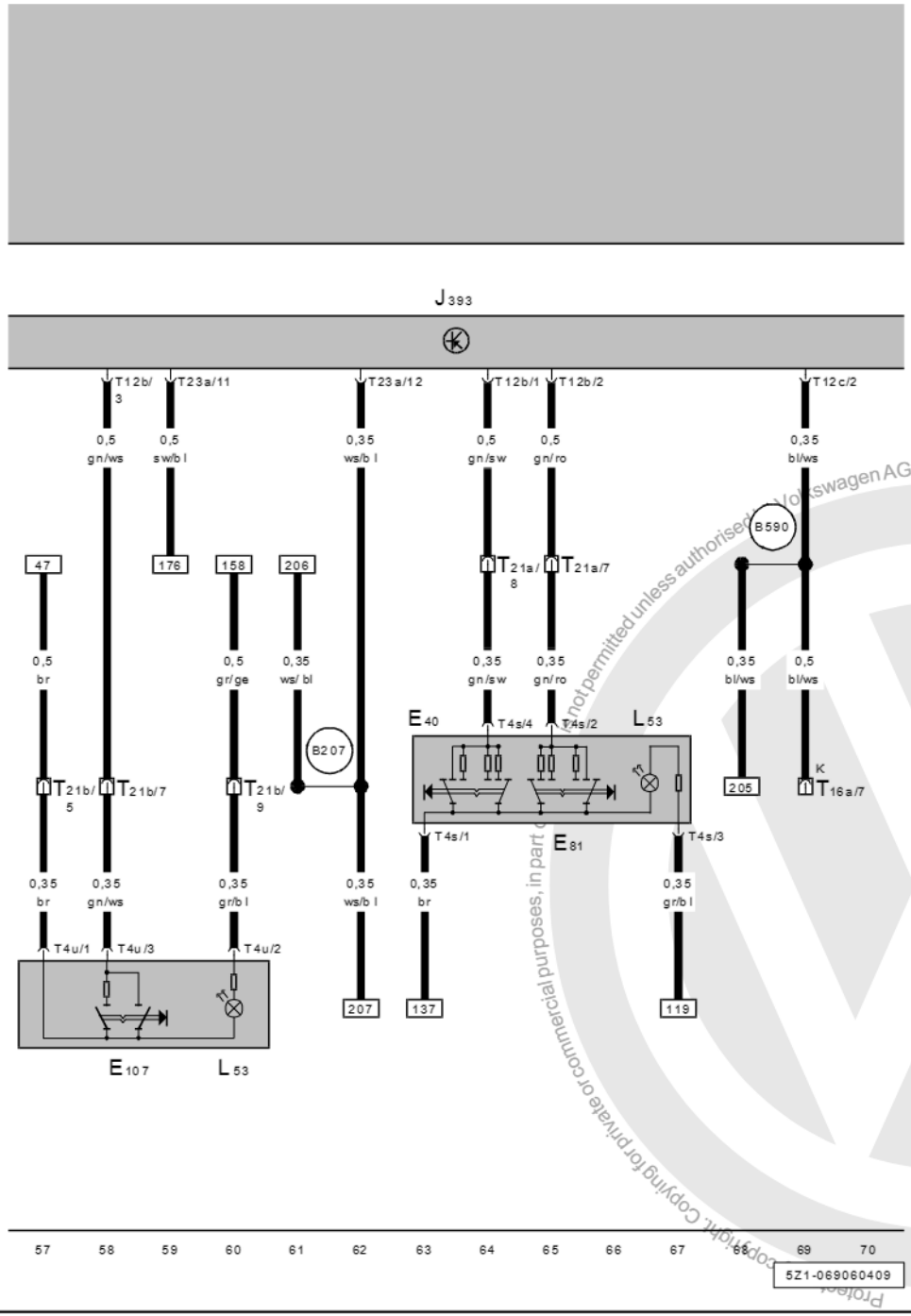


ws = white
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ro = red
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gn = green
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gr = grey
li = purple
vi = purple
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or = orange
rs = pink

Driver side interior locking switch, convenience system central control unit, interior lock switch illumination bulb, rear left window regulator motor, rear right window regulator motor

E150	Driver side interior locking switch
J393	Convenience system central control unit
L99	Interior lock switch illumination bulb
T2bf	2-pin connector, on rear right window regulator motor
T2bg	2-pin connector, on rear left window regulator motor
T4t	4-pin connector, on driver side interior locking switch
T4y	4-pin connector, in rear right door
T4z	4-pin connector, in rear left door
T6m	6-pin connector, in rear right door
T12b	12-pin connector, on convenience system central control unit
T12c	12-pin connector, on convenience system central control unit
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
V26	Rear left window regulator motor
V27	Rear right window regulator motor
(295)	Earth connection 10, in interior wiring harness
(606)	Earth point, under the centre console near selector lever

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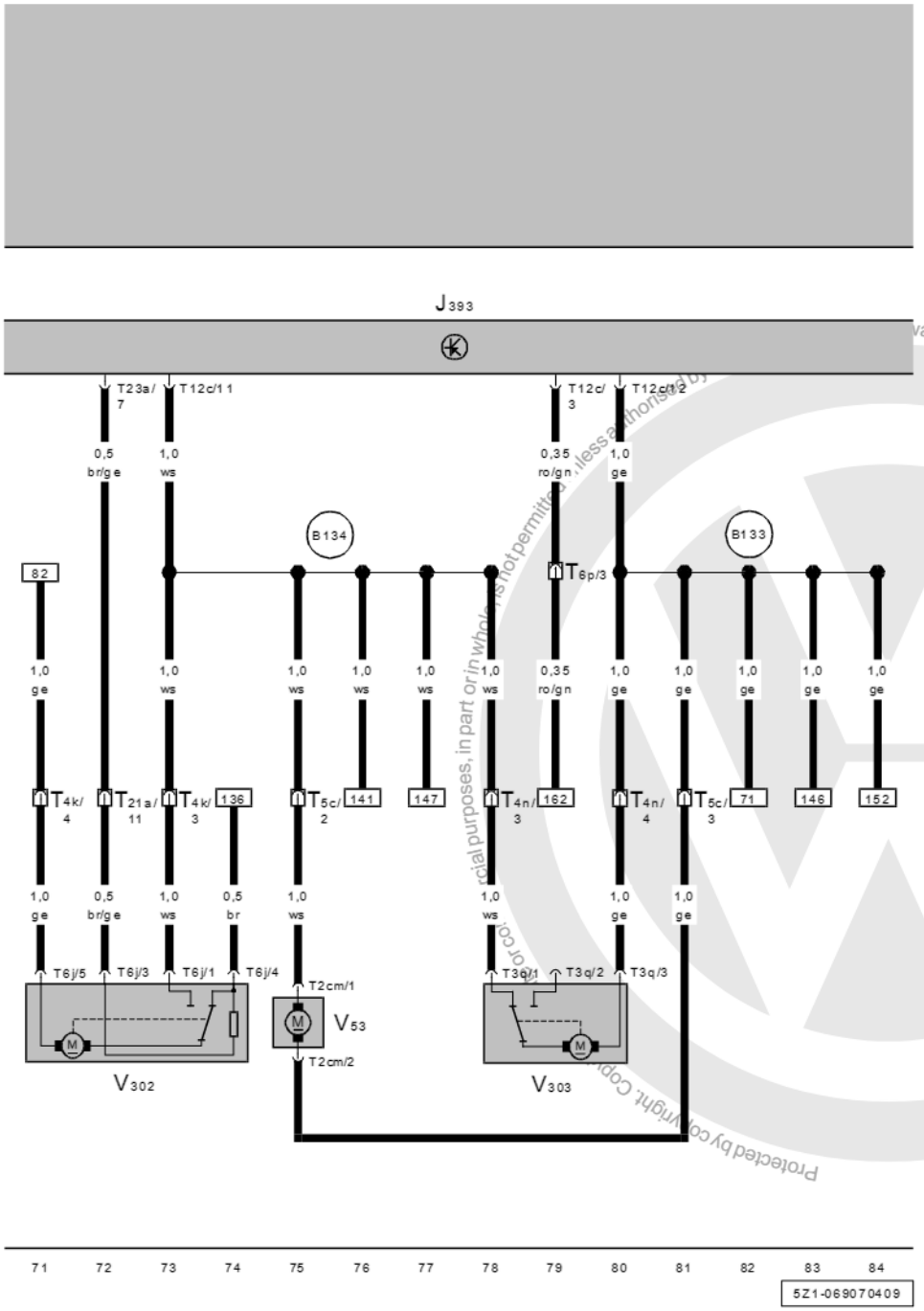


Front left window regulator switch, driver side front right window regulator switch, window regulator switch in front passenger door, convenience system central control unit

E40	Front left window regulator switch
E81	Front right window regulator switch driver side
E107	Window regulator switch in front passenger door
J393	Convenience system central control unit
L53	Window regulator switch illumination bulb
T4s	4-pin connector, on front left window regulator switch
T4u	4-pin connector, on window regulator switch in front passenger door
T12b	12-pin connector, on convenience system central control unit
T12c	12-pin connector, on convenience system central control unit
T16a	16-pin connector, diagnostic
T21a	21-pin connector, in the front left door
T21b	21-pin connector, in the front right door
T23a	23-pin connector, on convenience system central control unit
B590	Connection (K-diagnosis wiring), in interior wiring harness
B207	Connection (convenience), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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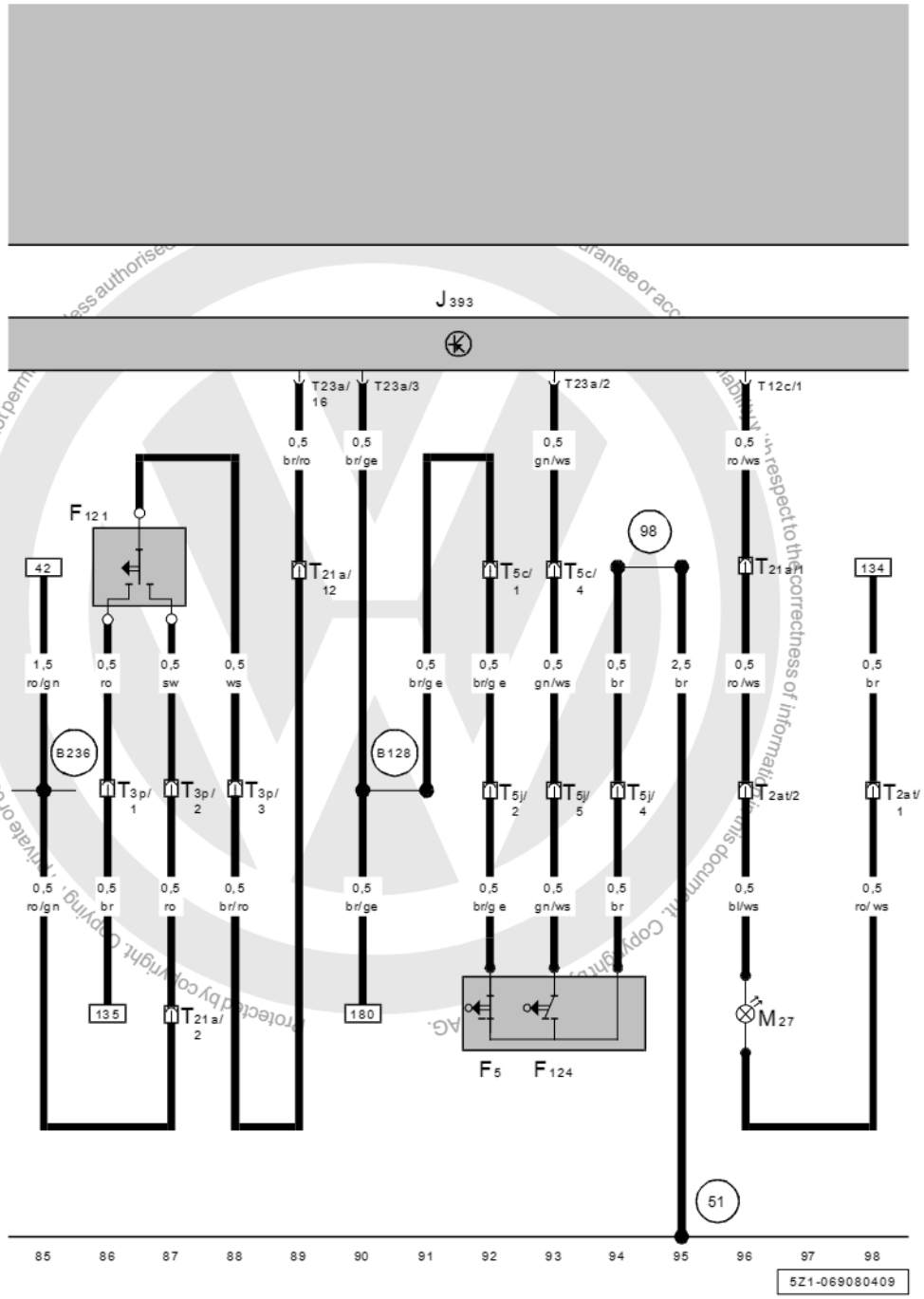


Convenience system central control unit, rear lid central locking motor, driver door central locking motor, front passenger door central locking motor

J393	Convenience system central control unit
T2cm	2-pin connector, on rear lid central locking motor
T3q	3-pin connector, on front passenger door central locking motor
T4k	4-pin connector, front left door
T4n	4-pin connector, front right door
T5c	5-pin connector, behind side trim on rear left, near wheel arch
T6p	6-pin connector, in rear left door
T6j	6-pin connector, on driver door central locking motor
T12c	12-pin connector, on convenience system central control unit
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
V53	Rear lid central locking motor
V302	Driver door central locking motor
V303	Front passenger door central locking deadlock function motor
B133	Connection (central locking open), in interior wiring harness
B134	Connection (central locking closed), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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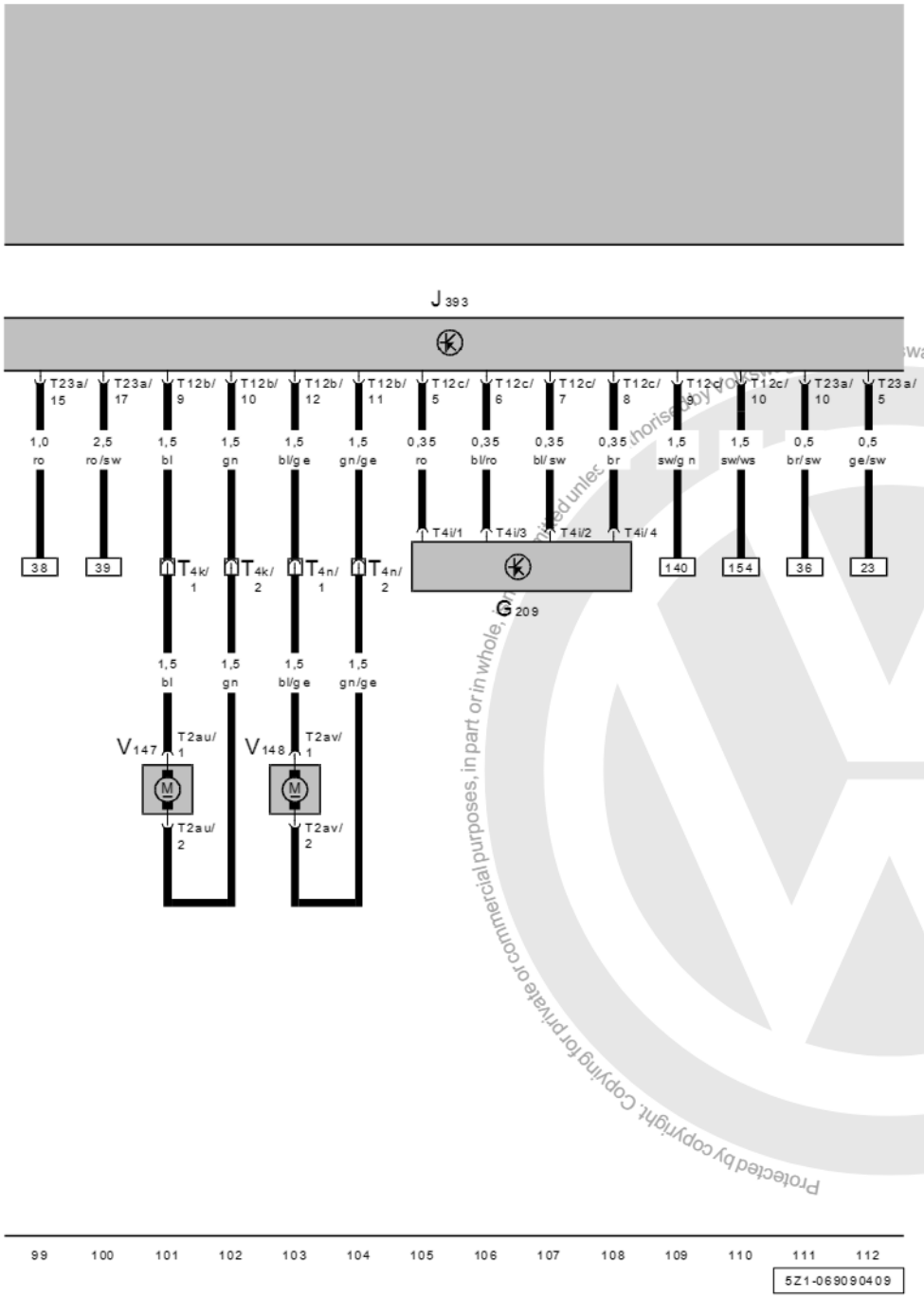
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Luggage compartment light switch, driver door exterior handle switch for anti-theft alarm system, contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system

F5	Luggage compartment light switch
F121	Driver door exterior handle switch for anti-theft alarm system
F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system, central locking system
J393	Convenience system central control unit
M27	Left door warning lamp
T2at	2-pin connector, on left door warning lamp
T3p	3-pin connector, on driver door exterior handle switch for anti-theft alarm system
T5c	5-pin connector, behind side trim on rear left, near wheel arch
T5j	5-pin connector, on contact switch in lock cylinder for rear lid, anti-theft alarm system, central locking system
T12c	12-pin connector, on convenience system central control unit
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
51	Earth point, in luggage compartment
98	Earth connection, in rear lid wiring harness
B128	Connection (luggage compartment light), in interior wiring harness
B236	Positive connection 6 (30a), in interior wiring harness

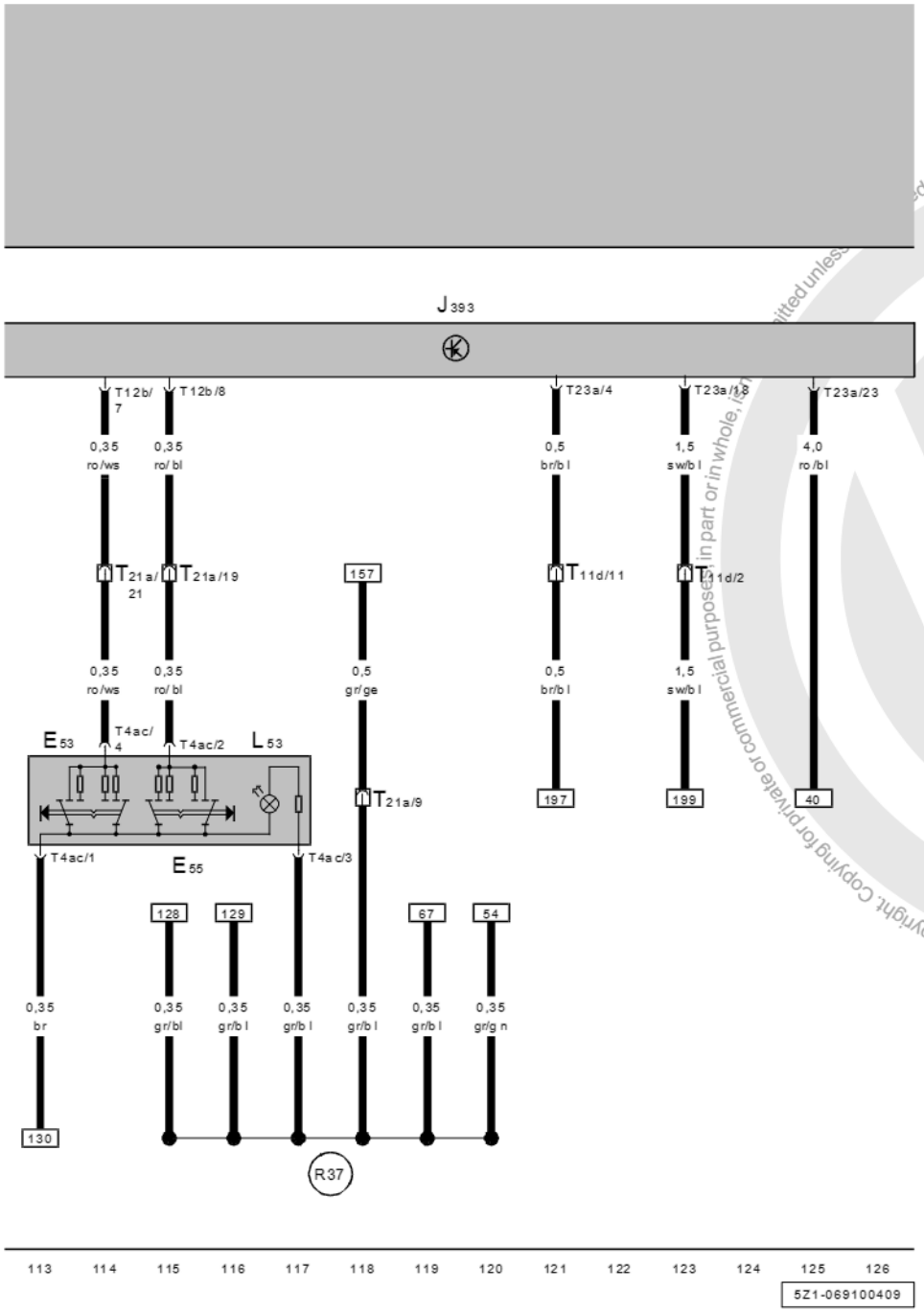


Anti-theft alarm ultrasonic sensor, convenience system central control unit, driver side window regulator motor, front passenger side window regulator motor

G209	Anti-theft alarm ultrasonic sensor
J393	Convenience system central control unit
T2au	2-pin connector, on driver side window regulator motor
T2av	2-pin connector, on front passenger side window regulator motor
T4i	4-pin connector, on anti-theft alarm ultrasonic sensor
T4k	4-pin connector, front left door
T4n	4-pin connector, front right door
T12b	12-pin connector, on convenience system central control unit
T12c	12-pin connector, on convenience system central control unit
T23a	23-pin connector, on convenience system central control unit
V147	Driver side window regulator motor
V148	Front passenger side window regulator motor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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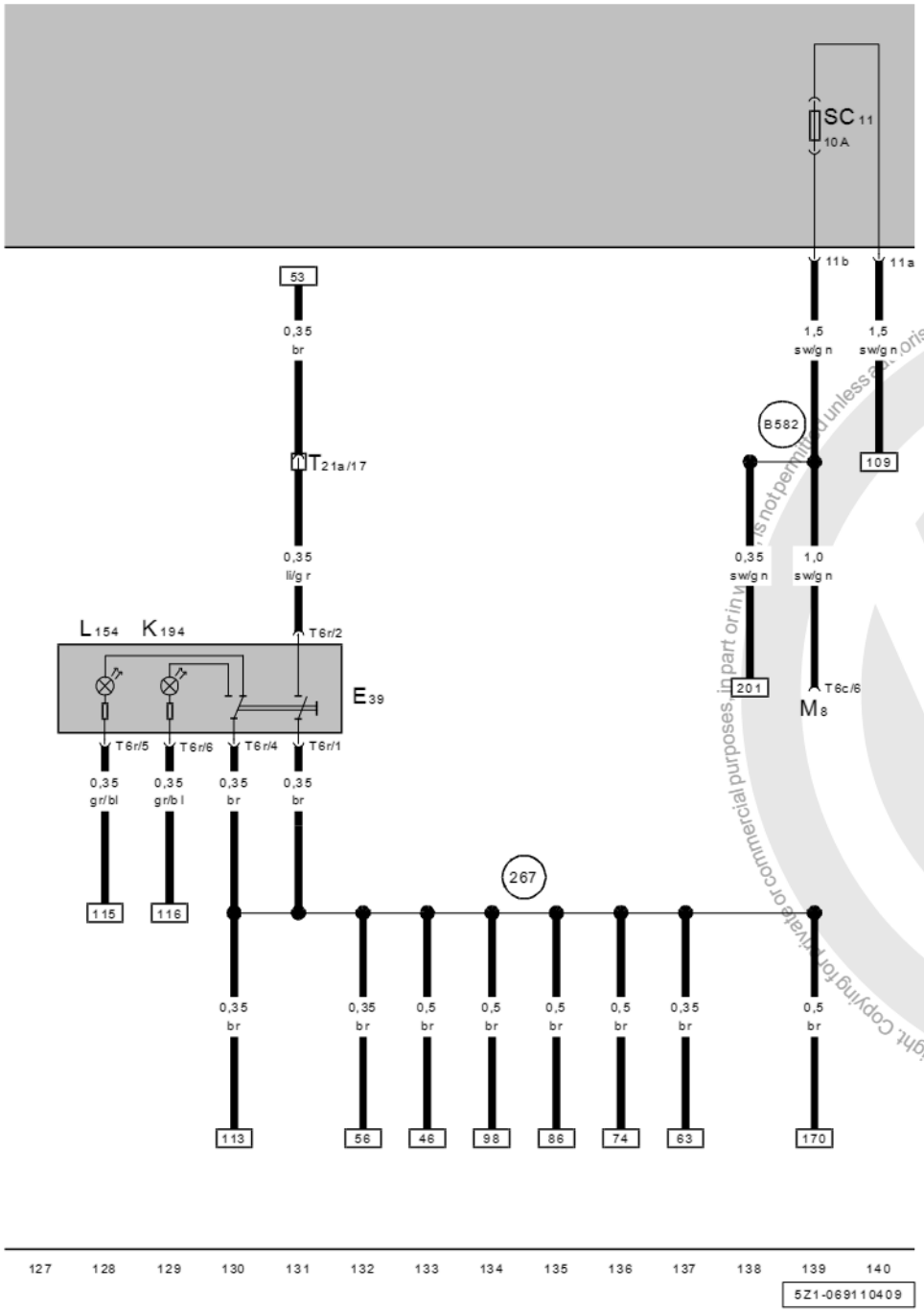


Rear left window regulator switch, in driver door, rear right window regulator switch, in driver door, window regulator switch illumination bulb

E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
J393	Convenience system central control unit
L53	Window regulator switch illumination bulb
T4ac	4-pin connector, on rear left window regulator switch, in driver door
T11d	11-pin connector, in left engine compartment
T12b	12-pin connector, on convenience system central control unit
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
R37	Connection 1 (window regulator), in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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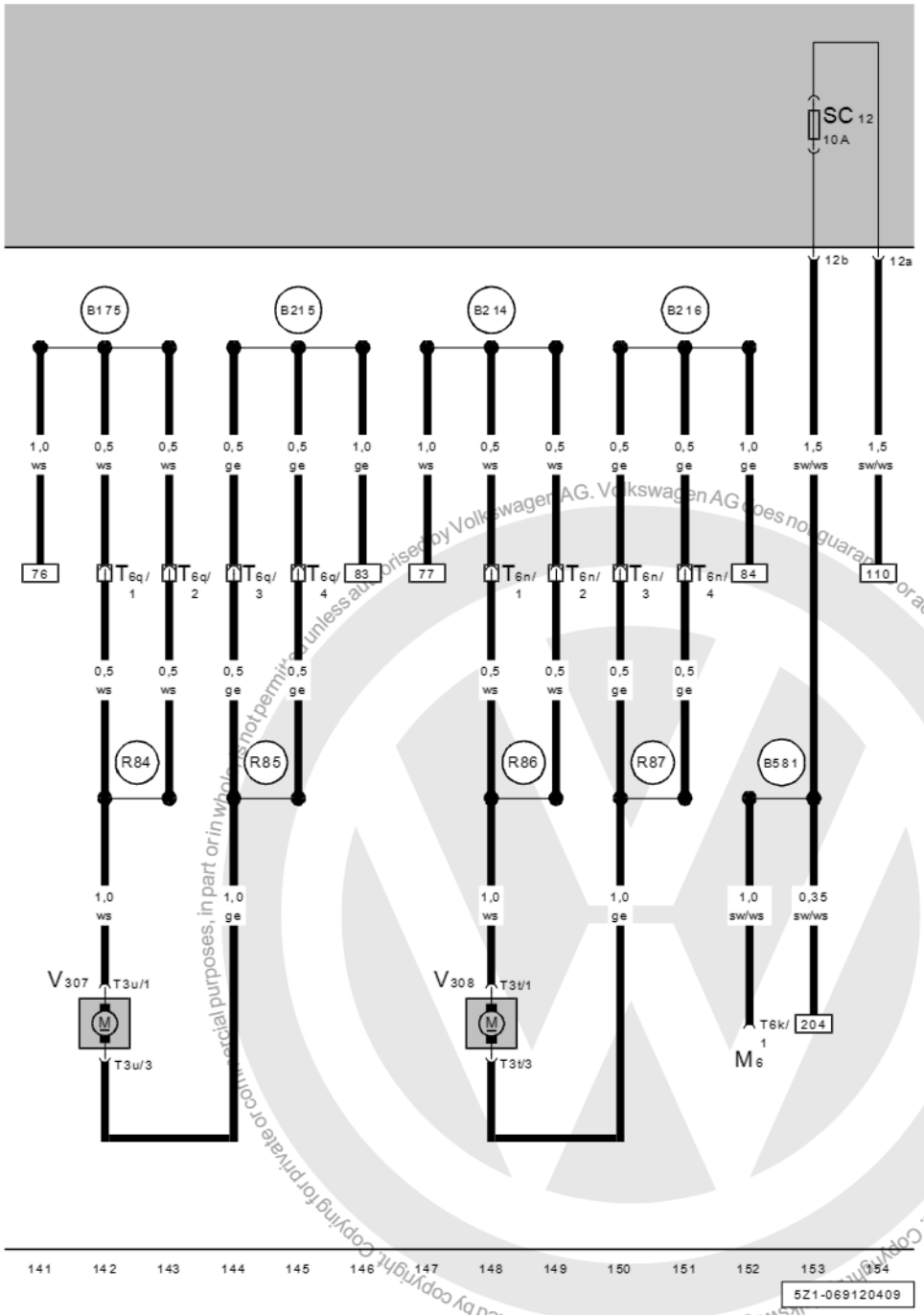


Rear window regulator isolation switch, window regulator lock warning lamp, rear window regulator isolation switch illumination bulb

E39	Rear window regulator isolation switch
K194	Rear window regulator lock warning lamp
L154	Rear window regulator isolation switch illumination bulb
M8	Rear right turn signal bulb
SC11	Fuse 11 on fuse holder C
T6c	6-pin connector, on the rear right turn signal bulb
T6r	6-pin connector, on rear window regulator isolation switch
T21a	21-pin connector, in the front left door
267	Earth connection 2, in driver side door wiring harness
B582	Positive connection (right indicator lamp), interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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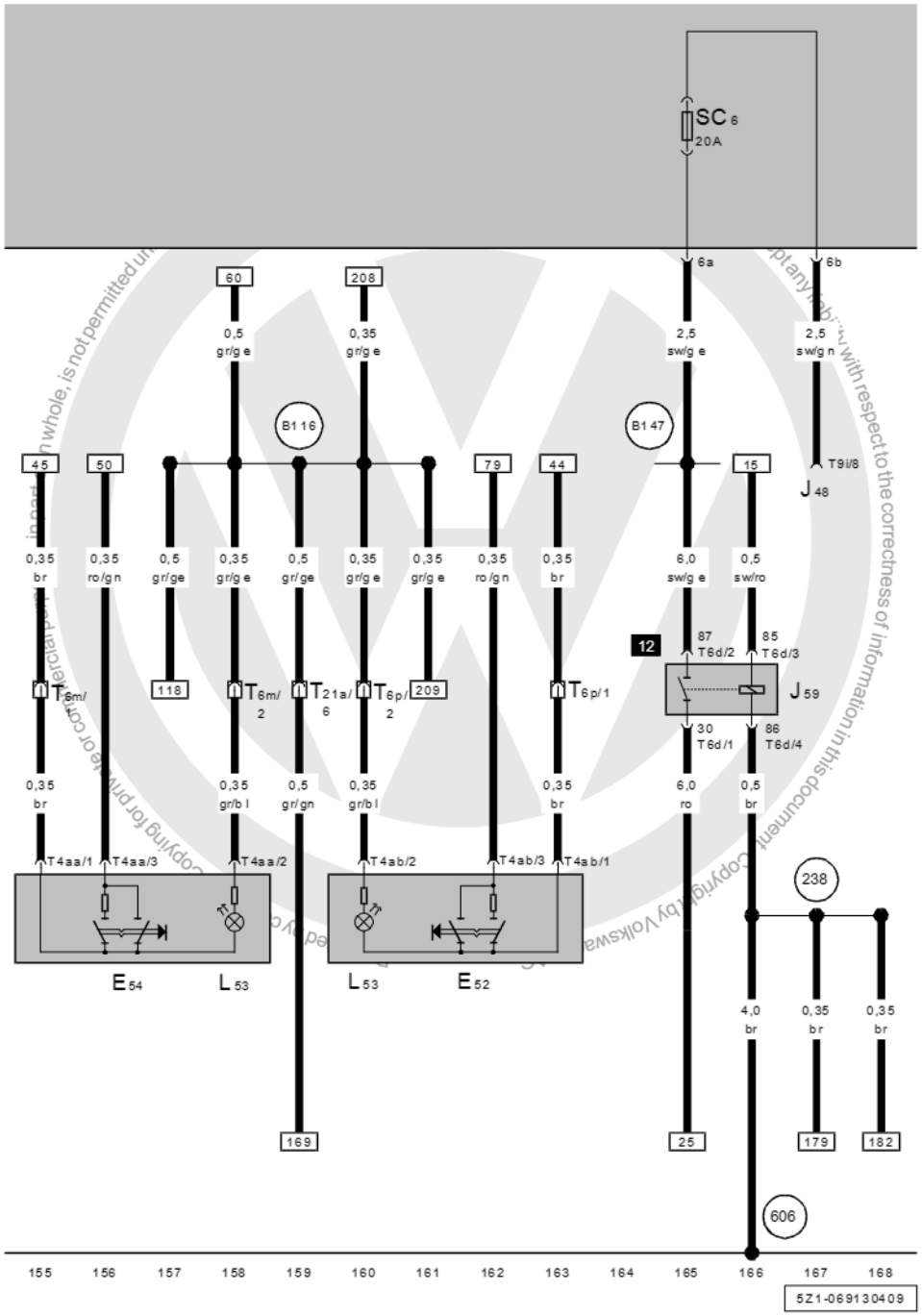


Rear left door power latching motor, rear right power latching motor

M6	Rear left turn signal bulb
SC12	Fuse 12 on fuse holder C
T3t	3-pin connector, on rear right central locking motor
T3u	3-pin connector, on rear left central locking motor
T6k	6-pin connector, on the rear left turn signal bulb
T6n	6-pin connector, in rear right door
T6q	6-pin connector, in rear left door
V307	Rear left central locking motor
V308	Rear right central locking motor
B175	Connection (central locking), in interior wiring harness
B214	Connection 1 (central locking), in interior wiring harness
B215	Connection 2 (central locking), in interior wiring harness
B216	Connection 3 (central locking), in interior wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness
R84	Connection 1 (central locking) in rear left door wiring harness
R85	Connection 2 (central locking) in rear left door wiring harness
R86	Connection 1 (central locking) in rear right door wiring harness
R87	Connection 2 (central locking) in rear right door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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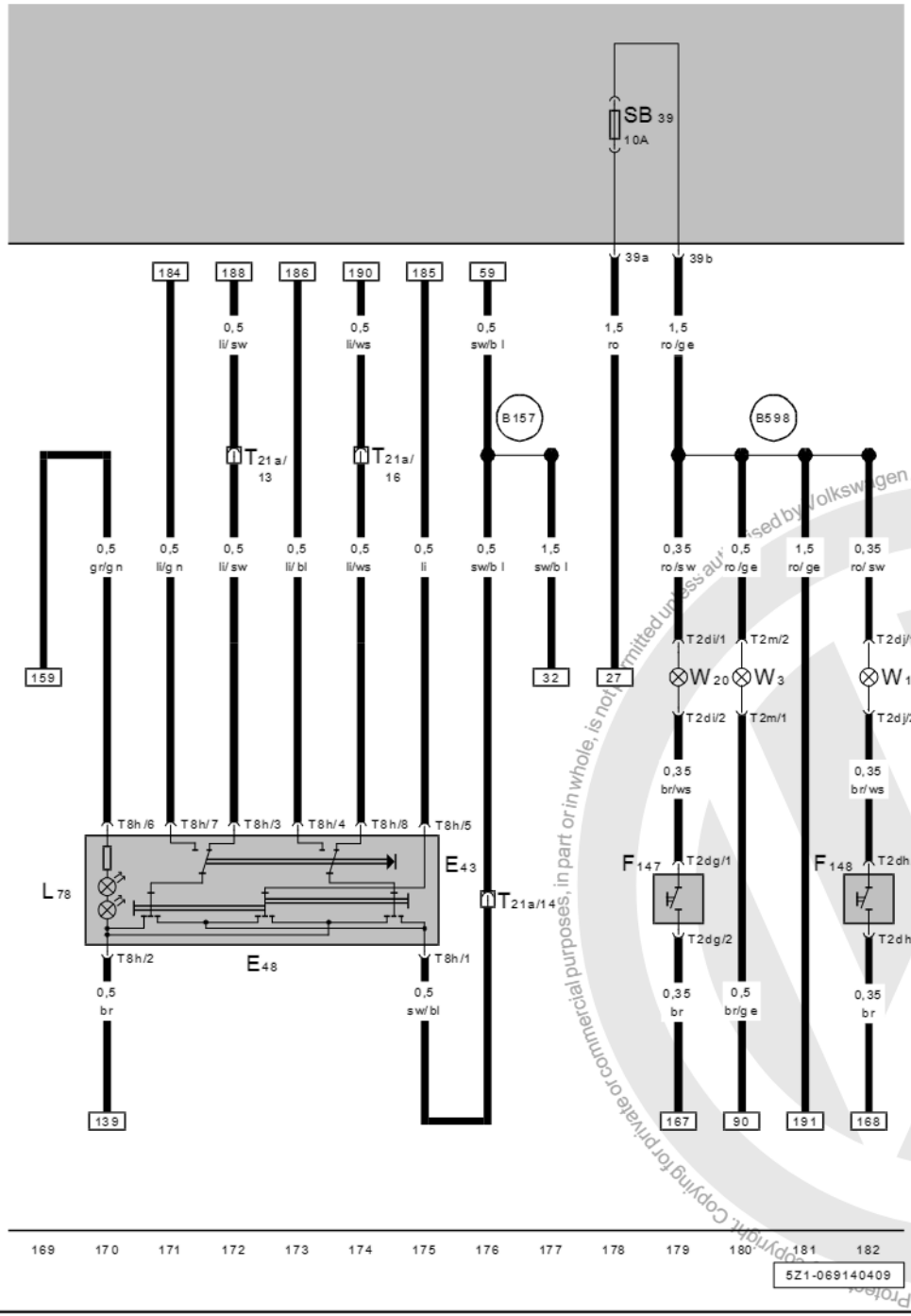


Rear left window regulator switch, in door, rear right window regulator switch, in door, X-contact relief relay, window regulator switch illumination bulb

E52	Rear left window regulator switch, in door
E54	Rear right window regulator switch, in door
J48	Heated rear window control relay
J59	X-contact relief relay
L53	Window regulator switch illumination bulb
SC6	Fuse 6 on fuse holder C
T4aa	4-pin connector, on rear right window regulator switch, in door
T4ab	4-pin connector, on rear left window regulator switch, in door
T6d	6-pin connector, on X-contact relief relay
T6m	6-pin connector, in rear right door
T6p	6-pin connector, in rear left door
T9i	9-pin connector, on heated rear window control relay
T21a	21-pin connector, in the front left door
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B116	Connection (58d), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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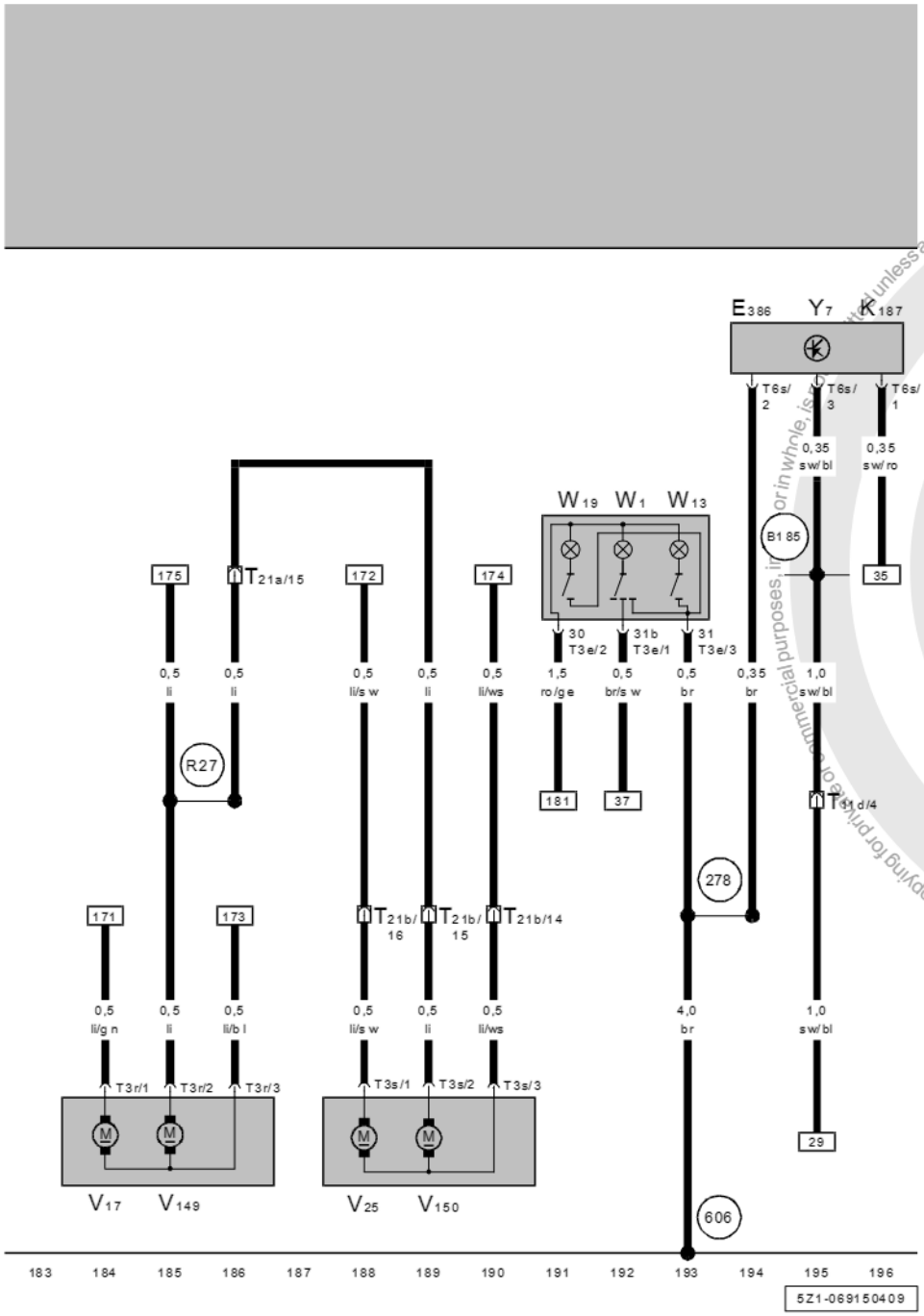


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Mirror adjustment switch, mirror adjustment change-over switch, driver vanity mirror contact switch, mirror adjustment switch illumination bulb, luggage compartment light

E43	Mirror adjustment switch
E48	Mirror adjustment change-over switch
F147	Driver vanity mirror contact switch
F148	Front passenger side vanity mirror contact switch
L78	Mirror adjustment switch illumination bulb
SB39	Fuse 39 on fuse holder B
T2m	2-pin connector, on luggage compartment light
T2dg	2-pin connector, on driver vanity mirror contact switch
T2dh	2-pin connector, on front passenger vanity mirror contact switch
T2di	2-pin connector, driver side illuminated vanity mirror
T2dj	2-pin connector, driver side illuminated vanity mirror
T8h	8-pin connector, on mirror adjustment switch
T21a	21-pin connector, in the front left door
W3	Luggage compartment light
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
B157	Positive connection 3 (15a), in interior wiring harness
B598	Positive connection 11 (30a), in interior wiring harness

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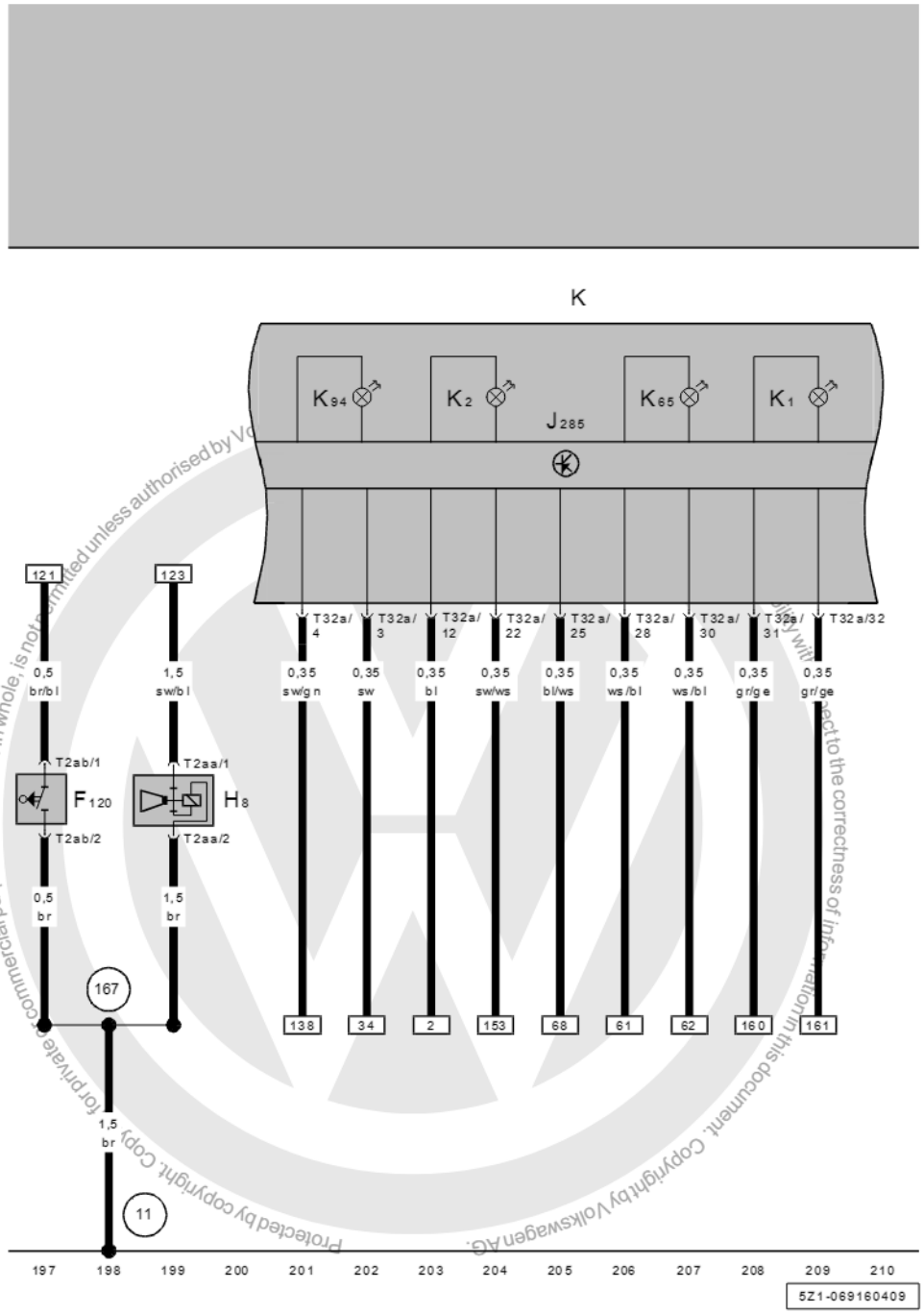


Anti-dazzle interior mirror button, driver side fold-in mirror motor, front interior light

E386	Anti-dazzle interior mirror button
K187	Anti-dazzle interior mirror warming lamp
T3e	3-pin connector, on front interior light
T3r	3-pin connector, on driver side mirror adjustment motor
T3s	3-pin connector, on front passenger side mirror adjustment motor
T6s	6-pin connector, automatic anti-dazzle interior mirror
T11d	11-pin connector, in left engine compartment
T21a	21-pin connector, in the front left door
T21b	21-pin connector, in the front right door
V17	Driver side mirror adjustment motor
V25	Front passenger side mirror adjustment motor
V149	Driver side mirror adjustment motor
V150	Front passenger side mirror adjustment motor
W1	Front interior light
W13	Front passenger side reading light
W19	Driver side reading light
Y7	Automatic anti-dazzle interior mirror
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near selector lever
B185	Connection 2 (54), in interior wiring harness
R27	Connection (mirror adjustment), in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

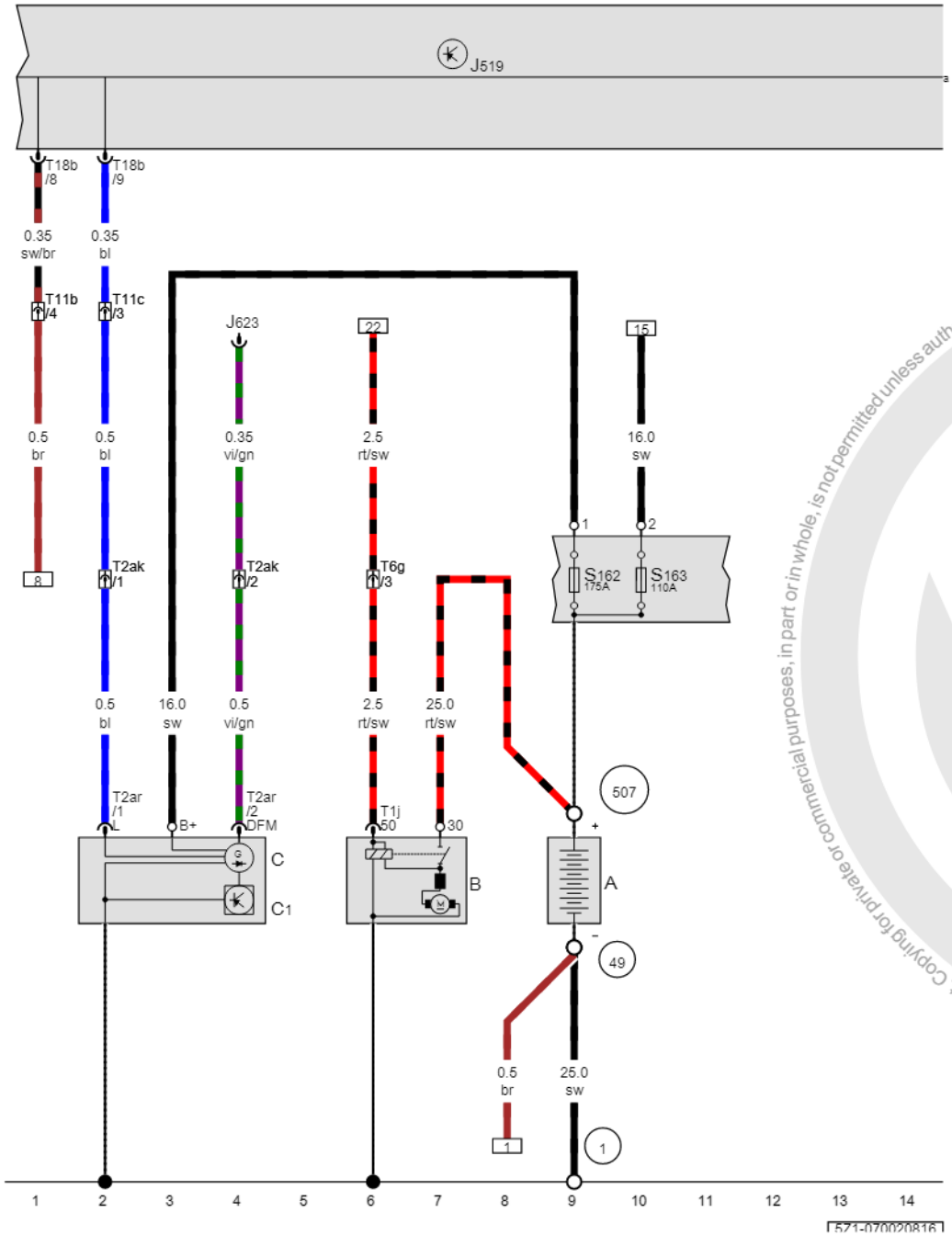
Anti-theft alarm and vermin repellent system contact switch, control unit with display in dash panel insert, main beam warning lamp, alternator warning lamp

F120	Anti-theft alarm and vermin repellent system contact switch
H8	Anti-theft alarm system horn
J285	Control unit with display in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
T2aa	2-pin connector, on anti-theft alarm system horn
T2ab	2-pin connector, on anti-theft alarm and vermin repellent system contact switch
T32a	32-pin connector, on dash panel insert
11	Earth point, in battery box
167	Earth connection 4, in engine compartment wiring harness

Convenience system , (F6G)

From April 2007

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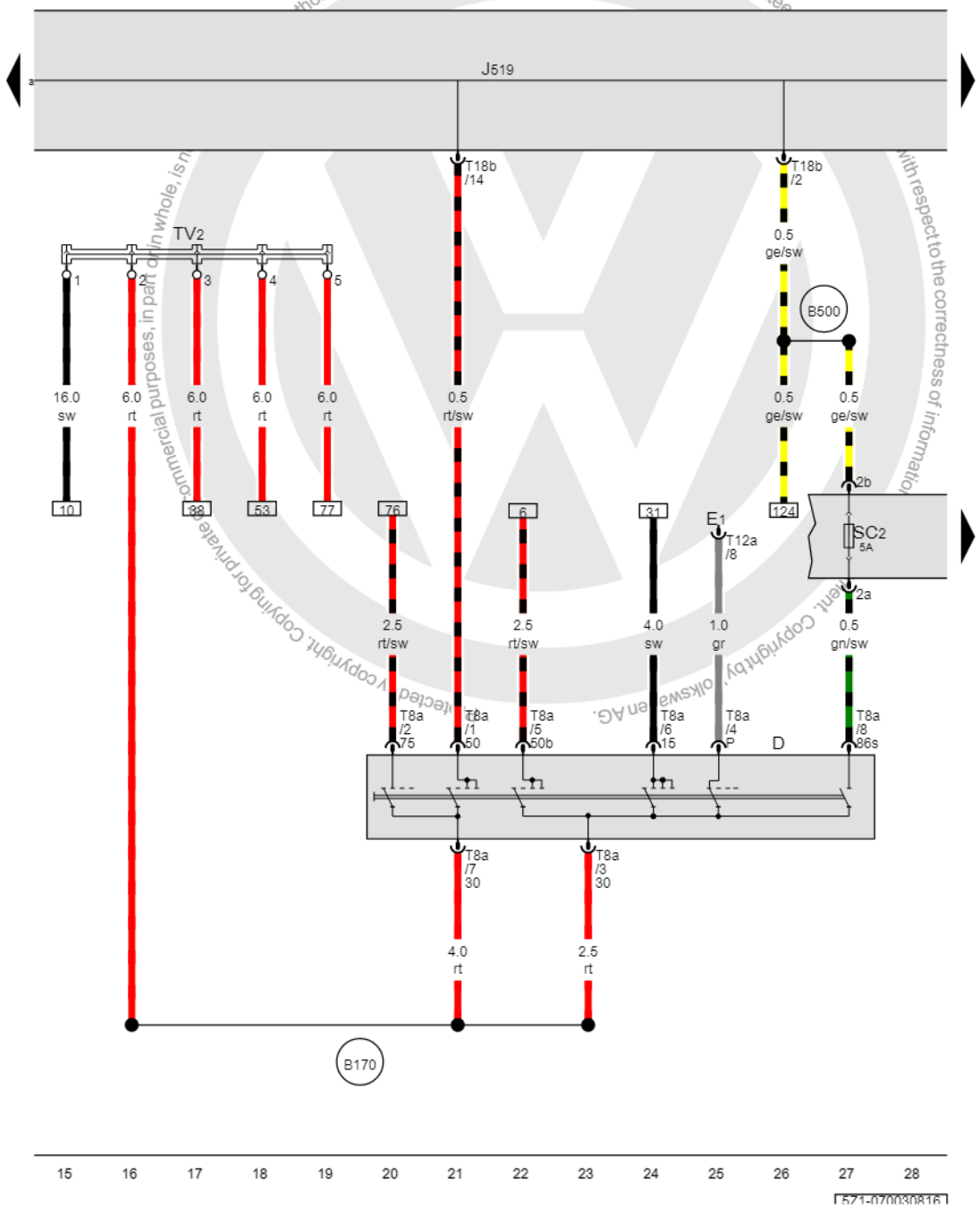


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

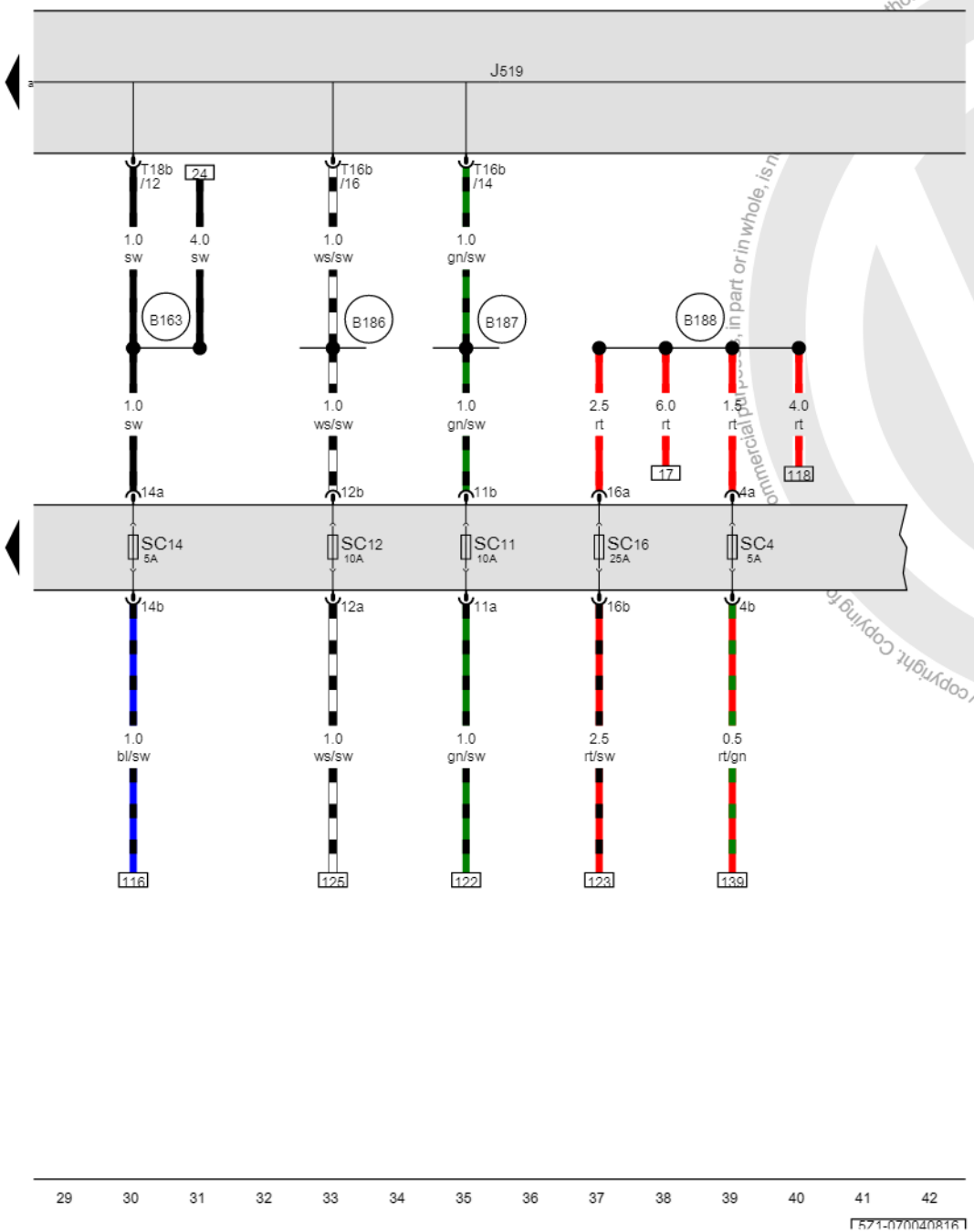
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Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector
T12a	12-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

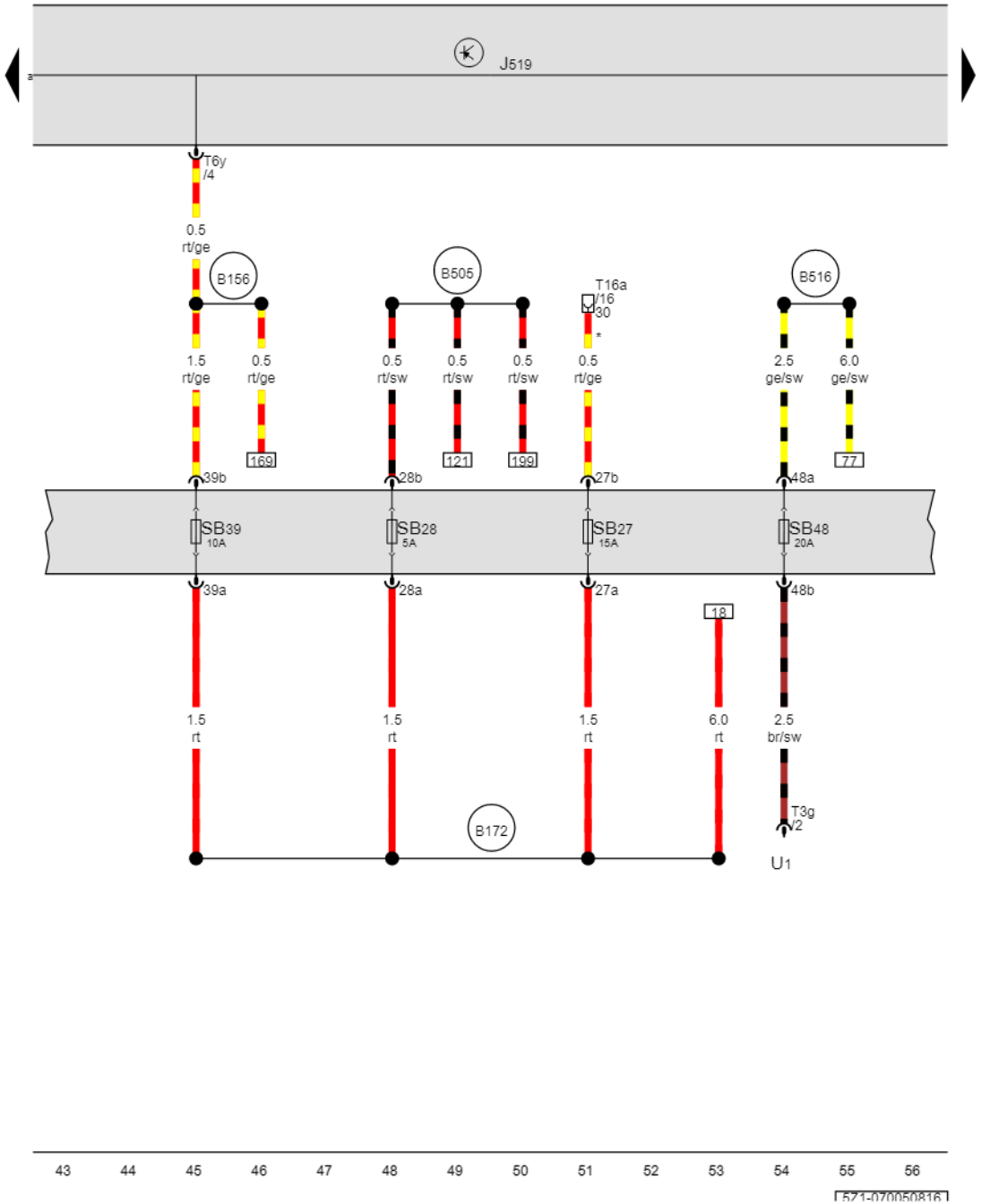


Onboard supply control unit

J519	Onboard supply control unit
SC4	Fuse 4 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC16	Fuse 16 on fuse holder C
T16b	16-pin connector
T18b	18-pin connector
B163	Positive connection 1 (15), in interior wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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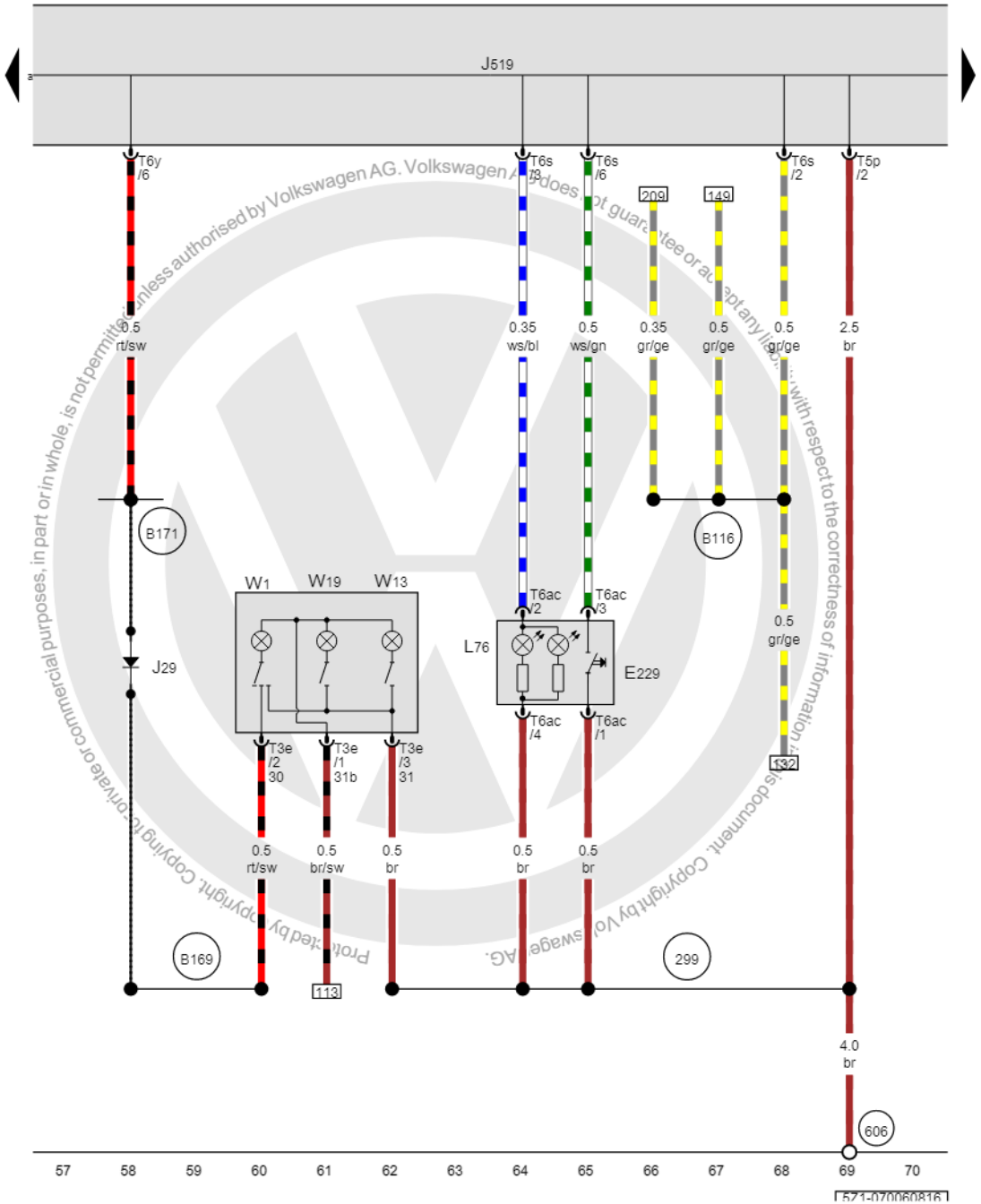


Onboard supply control unit

J519	Onboard supply control unit
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB39	Fuse 39 on fuse holder B
SB48	Fuse 48 on fuse holder B
T3g	3-pin connector
T6y	6-pin connector
T16a	16-pin connector
U1	Cigarette lighter
B156	Positive connection (30a), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B505	Positive connection 9 (30a), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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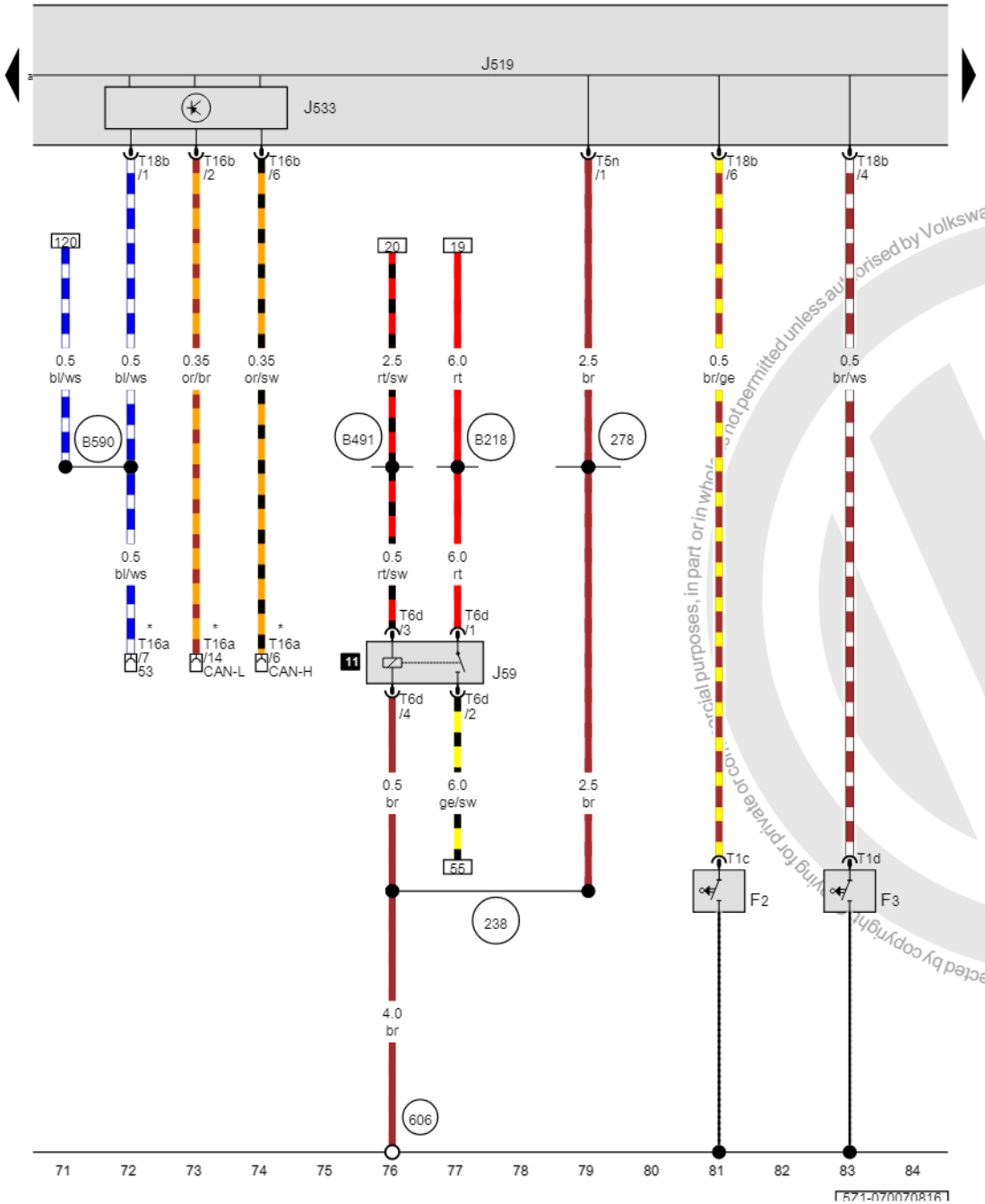


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Hazard warning lights button, Blocking diode, Onboard supply control unit, Button illumination bulb, Front interior light, Front passenger reading light, Driver side reading light

E229	Hazard warning lights button
J29	Blocking diode
J519	Onboard supply control unit
L76	Button illumination bulb
T3e	3-pin connector
T5p	5-pin connector
T6ac	6-pin connector
T6s	6-pin connector
T6y	6-pin connector
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
299	Earth connection 14, in interior wiring harness
606	Earth point, under the centre console near gear stick
B116	Connection (58d), in interior wiring harness
B169	Positive connection 1 (30), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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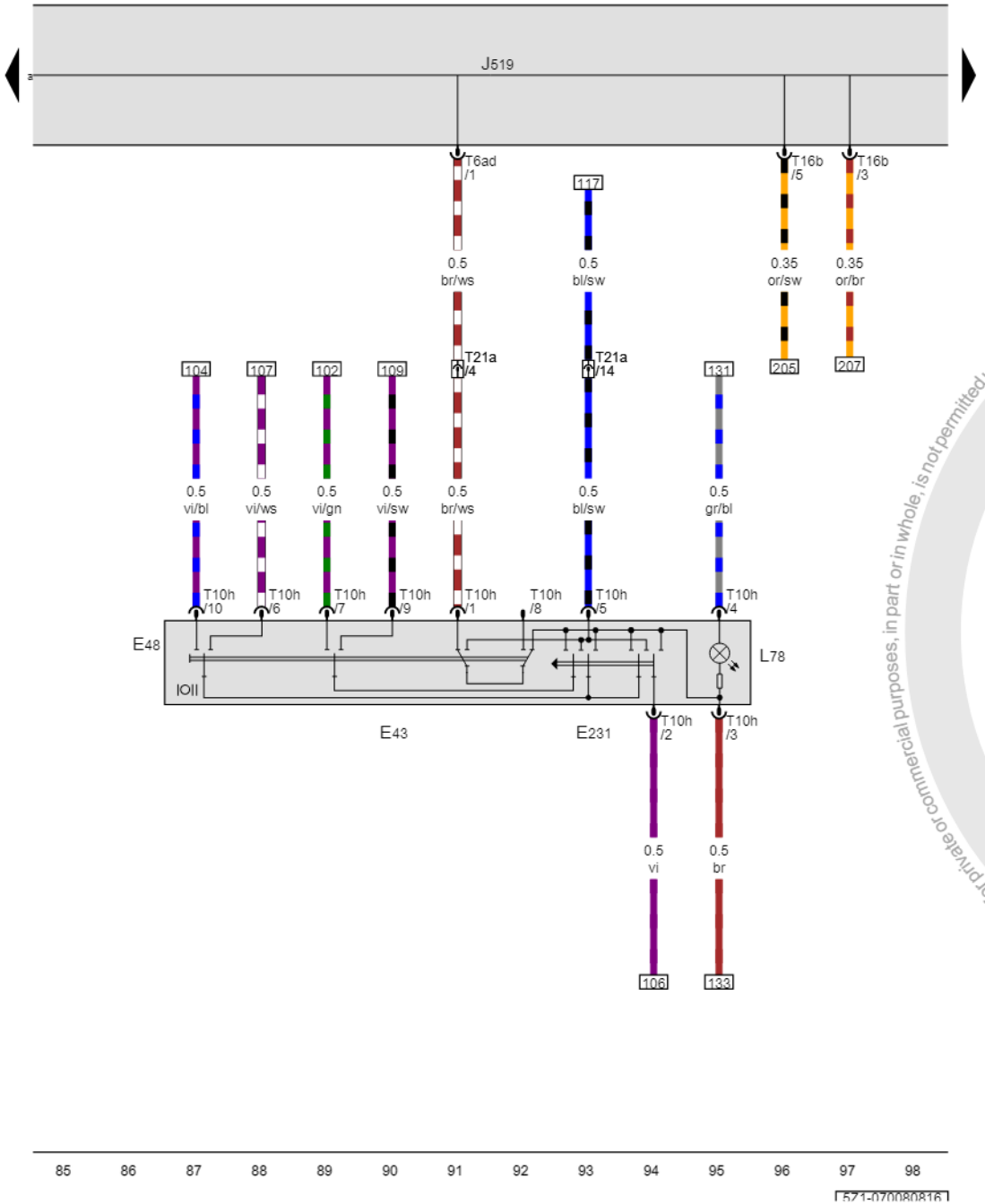


Driver door contact switch, Front passenger door contact switch, X-contact relief relay, Onboard supply control unit, Data bus diagnostic interface

F2	Driver door contact switch
F3	Front passenger door contact switch
J59	X-contact relief relay
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T1c	Single connector
T1d	Single connector
T5n	5-pin connector
T6d	6-pin connector
T16a	16-pin connector
T16b	16-pin connector
T18b	18-pin connector
238	Earth connection 1, in interior wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near gear stick
B218	Positive connection 6 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B590	K-diagnosis wire connection, in interior wiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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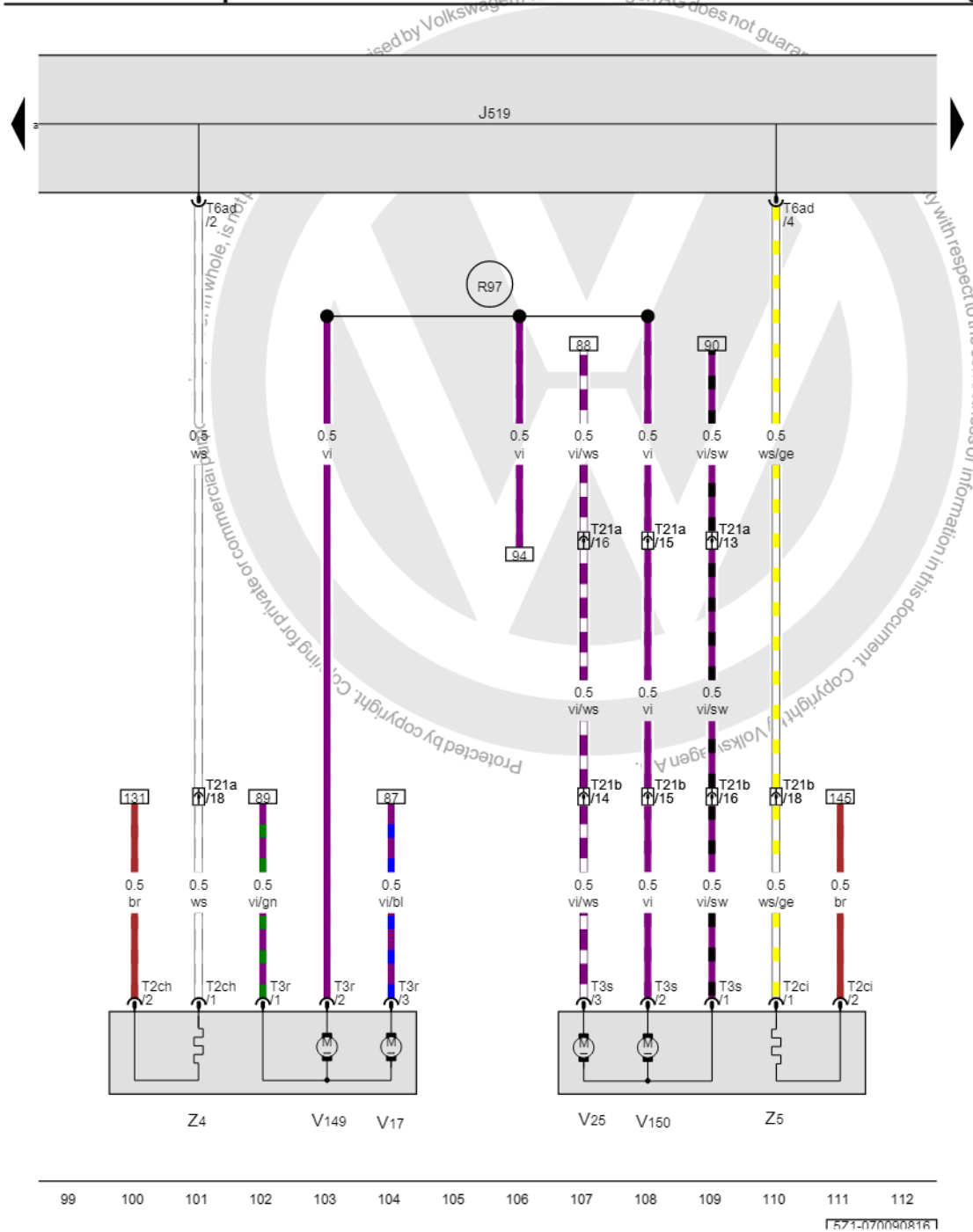


Mirror adjustment switch, Mirror adjustment changeover switch, Exterior mirror heater button, Onboard supply control unit, Mirror adjustment switch illumination bulb

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E231	Exterior mirror heater button
J519	Onboard supply control unit
L78	Mirror adjustment switch illumination bulb
T6ad	6-pin connector
T10h	10-pin connector
T16b	16-pin connector
T21a	21-pin connector, in front left door

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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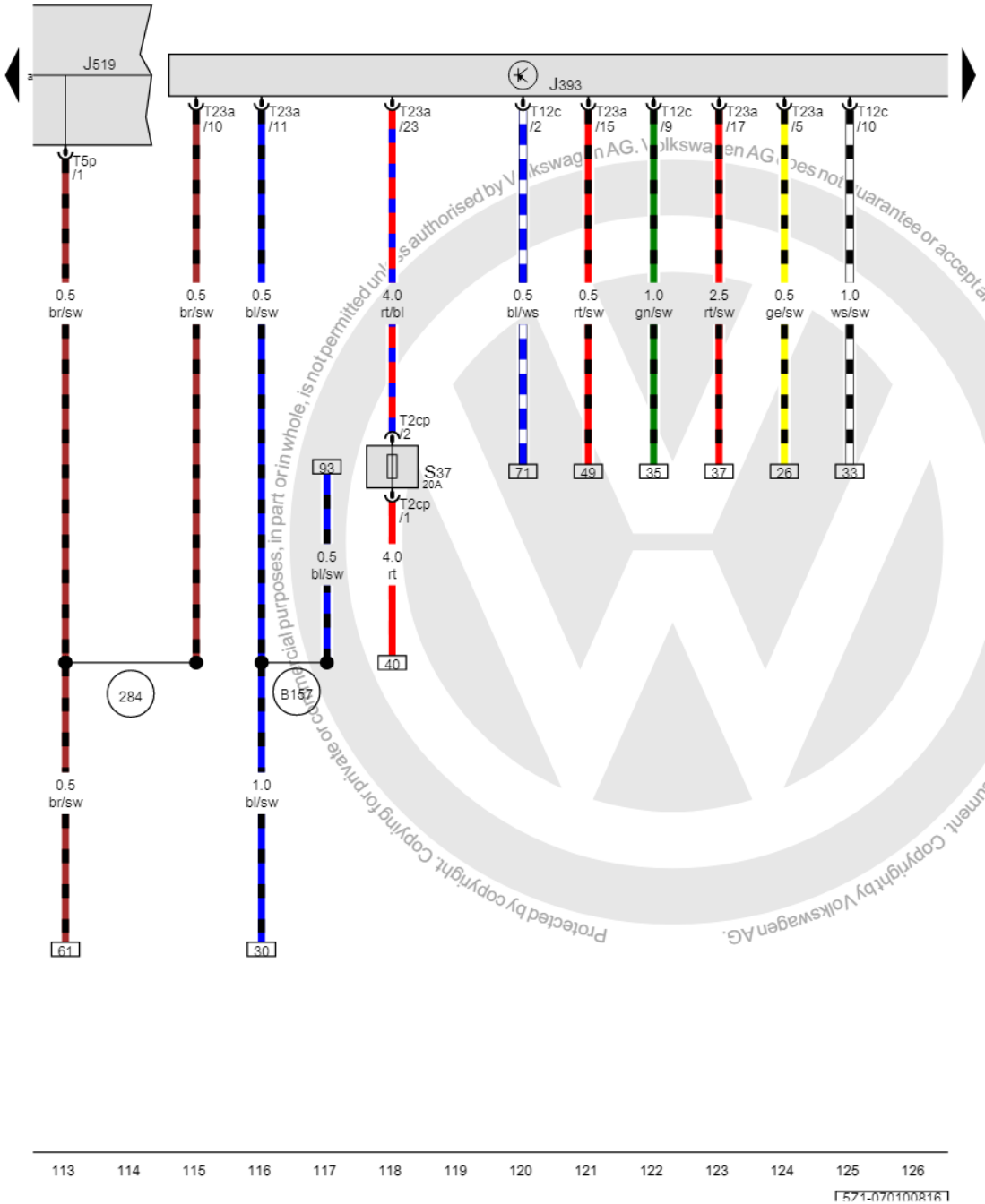
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Onboard supply control unit, Driver side mirror adjustment motor 2, Front passenger side mirror adjustment motor 2, Driver side mirror adjustment motor, Front passenger side mirror adjustment motor, Heated exterior mirror on driver side, Heated exterior mirror on front passenger side

J519	Onboard supply control unit
T2ch	2-pin connector
T2ci	2-pin connector
T3r	3-pin connector
T3s	3-pin connector
T6ad	6-pin connector
T21a	21-pin connector, in front left door
T21b	21-pin connector, in front right door
V17	Driver side mirror adjustment motor 2
V25	Front passenger side mirror adjustment motor 2
V149	Driver side mirror adjustment motor
V150	Front passenger side mirror adjustment motor
Z4	Heated exterior mirror on driver side
Z5	Heated exterior mirror on front passenger side
R97	Connection 4 in driver side door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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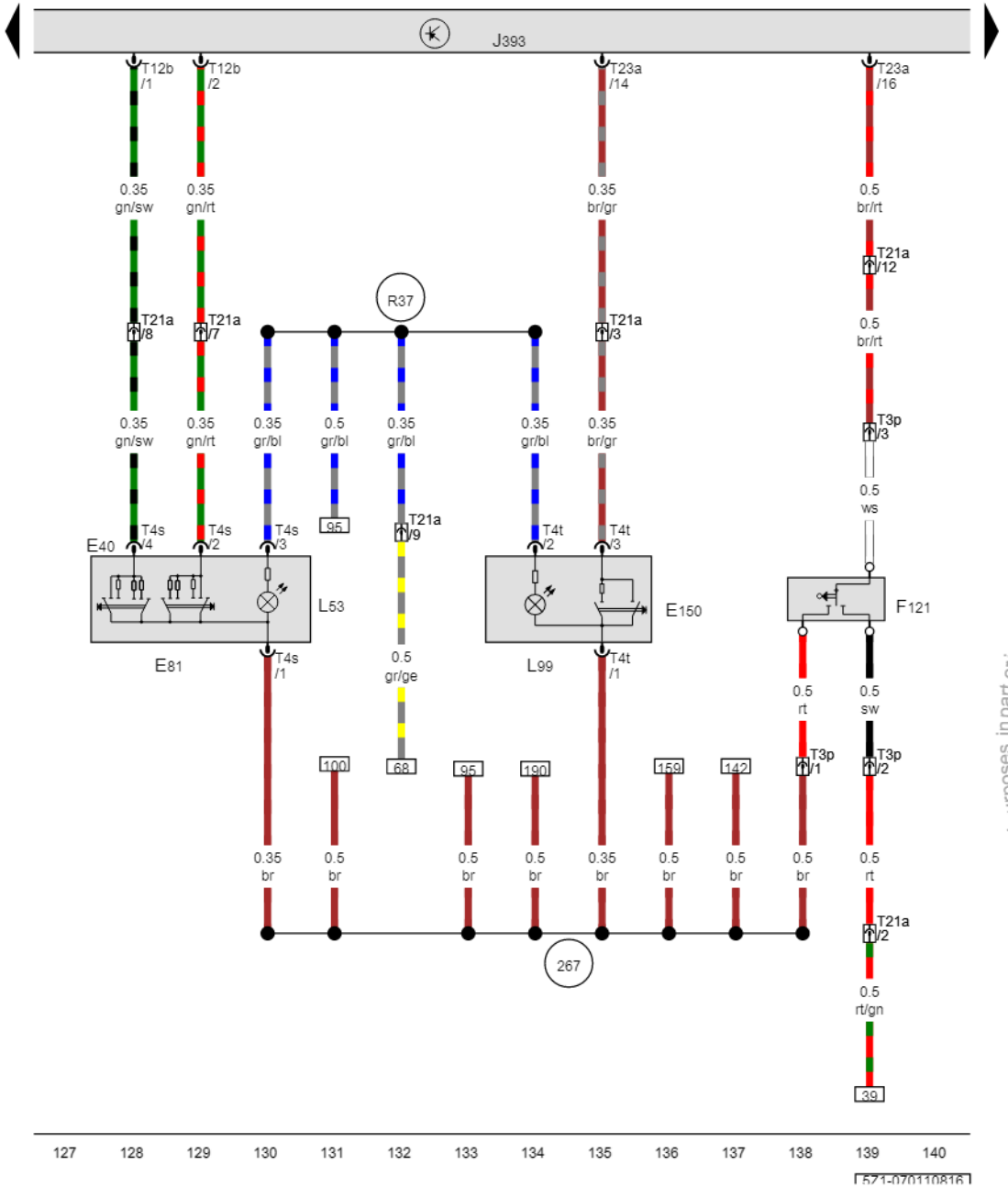


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Convenience system central control unit, Onboard supply control unit, Window regulator single fuse

J393	Convenience system central control unit
J519	Onboard supply control unit
S37	Window regulator single fuse
T2cp	2-pin connector
T5p	5-pin connector
T12c	12-pin connector
T23a	23-pin connector
284	Earth connection 6, in interior wiring harness
B157	Positive connection 3 (15a), in interior wiring harness

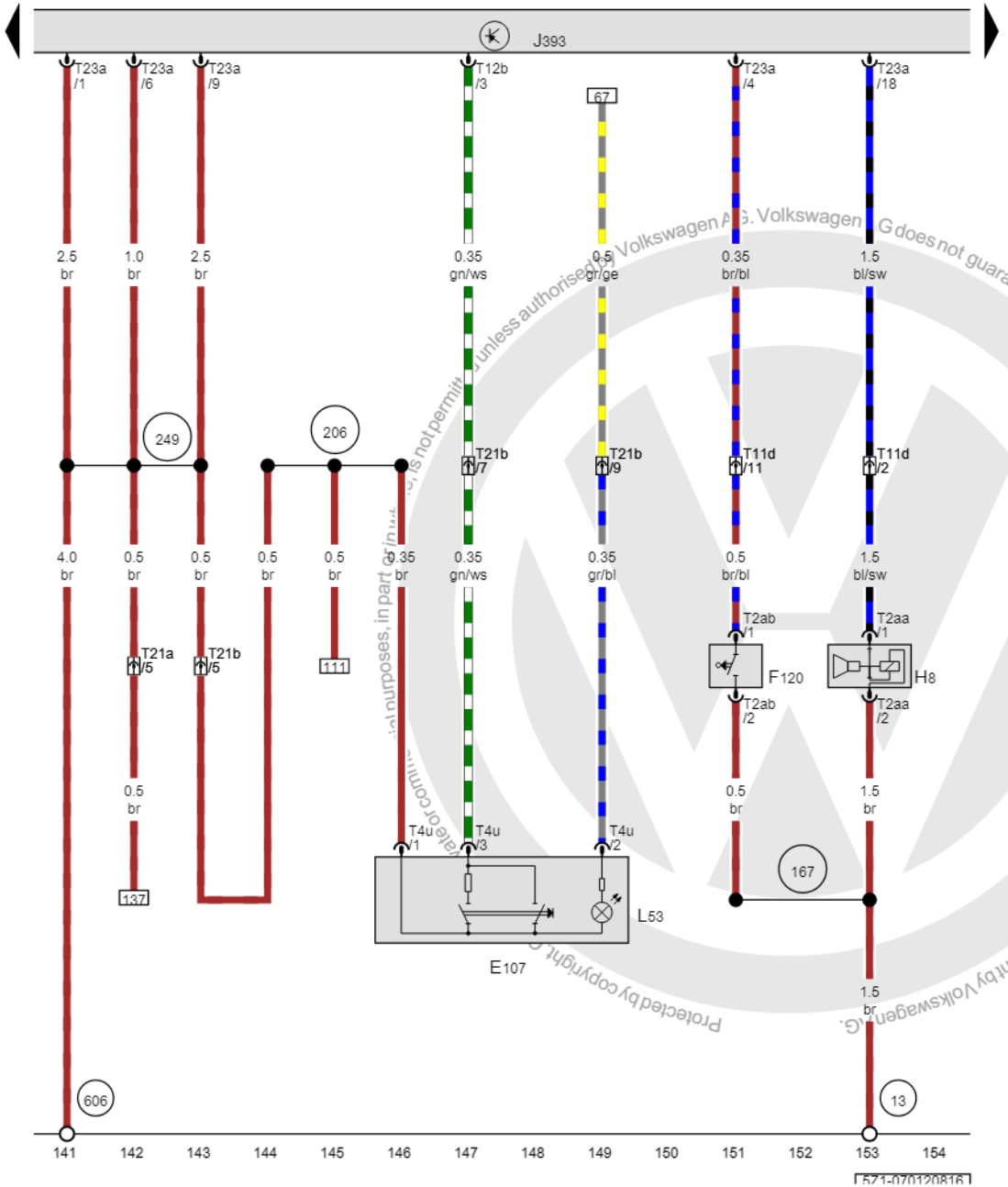


Front left window regulator switch, Front right window regulator switch in driver door, Driver side interior locking switch, Driver door exterior handle switch for anti-theft alarm system, Convenience system central control unit, Window regulator switch illumination bulb

E40	Front left window regulator switch
E81	Front right window regulator switch in driver door
E150	Driver side interior locking switch
F121	Driver door exterior handle switch for anti-theft alarm system
J393	Convenience system central control unit
L53	Window regulator switch illumination bulb
L99	Interior lock switch illumination bulb
T3p	3-pin connector, on exterior handle switch in driver door, for anti-theft alarm system
T4s	4-pin connector
T4t	4-pin connector
T12b	12-pin connector
T21a	21-pin connector, in front left door
T23a	23-pin connector
267	Earth connection 2, in drive side door wiring harness
R37	Connection 1 (window regulator), in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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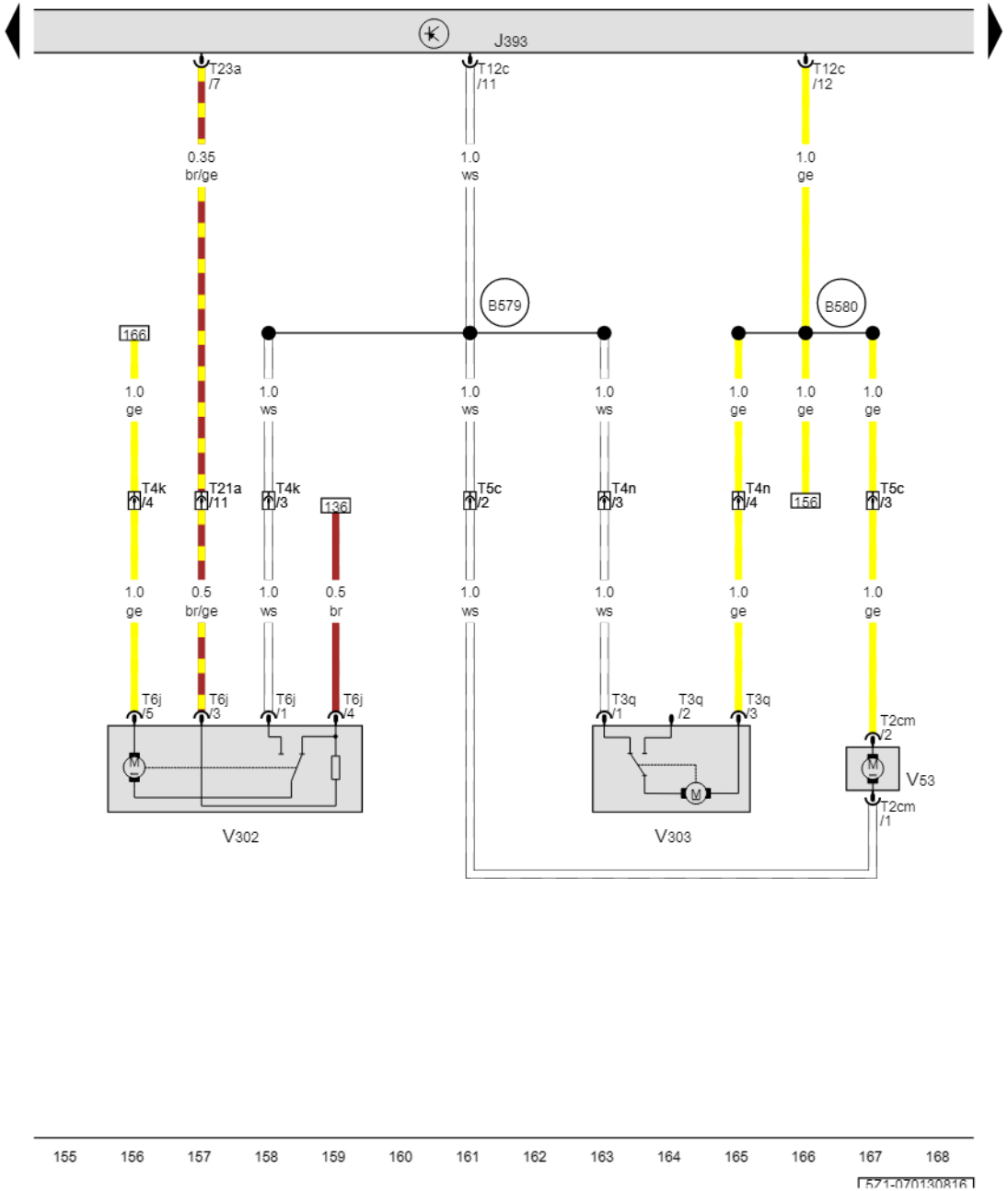
Window regulator switch in front passenger door, Anti-theft alarm and vermin repellent system contact switch, Anti-theft alarm system horn, Convenience system central control unit, Window regulator switch illumination bulb

E107	Window regulator switch in front passenger door
F120	Anti-theft alarm and vermin repellent system contact switch
H8	Anti-theft alarm system horn
J393	Convenience system central control unit
L53	Window regulator switch illumination bulb
T2aa	2-pin connector
T2ab	2-pin connector
T4u	4-pin connector
T11d	11-pin connector, on left in plenum chamber
T12b	12-pin connector
T21a	21-pin connector, in front left door
T21b	21-pin connector, in front right door
T23a	23-pin connector
13	Earth point, on right in engine compartment
167	Earth connection 4, in engine compartment wiring harness
206	Earth connection, in front passenger door wiring harness
249	Earth connection 2, in interior wiring harness
606	Earth point, under the centre console near gear stick

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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rs	=	pink

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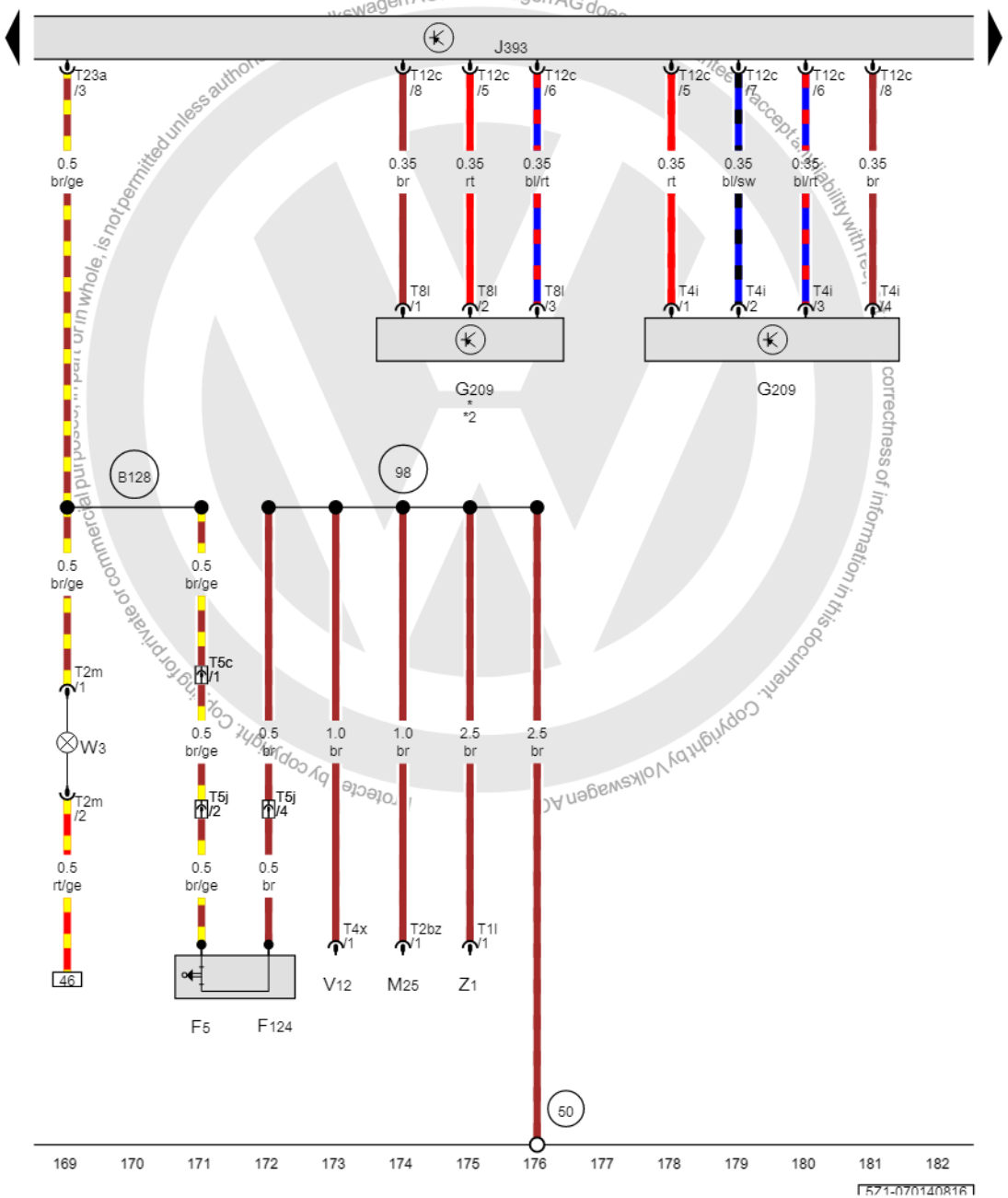
Convenience system central control unit, Rear lid central locking motor, Driver door power latching motor, Front passenger door power latching motor



J393	Convenience system central control unit
T2cm	2-pin connector
T3q	3-pin connector
T4k	4-pin connector, in driver door
T4n	4-pin connector, in front passenger door
T5c	5-pin connector, behind rear left side trim, near wheel arch
T6j	6-pin connector
T12c	12-pin connector
T21a	21-pin connector, in front left door
T23a	23-pin connector
V53	Rear lid central locking motor
V302	Driver door power latching motor
V303	Front passenger door power latching motor
B579	Connection for anti-theft alarm on, in interior wiring harness
B580	Connection for anti-theft alarm off, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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rs	=	pink

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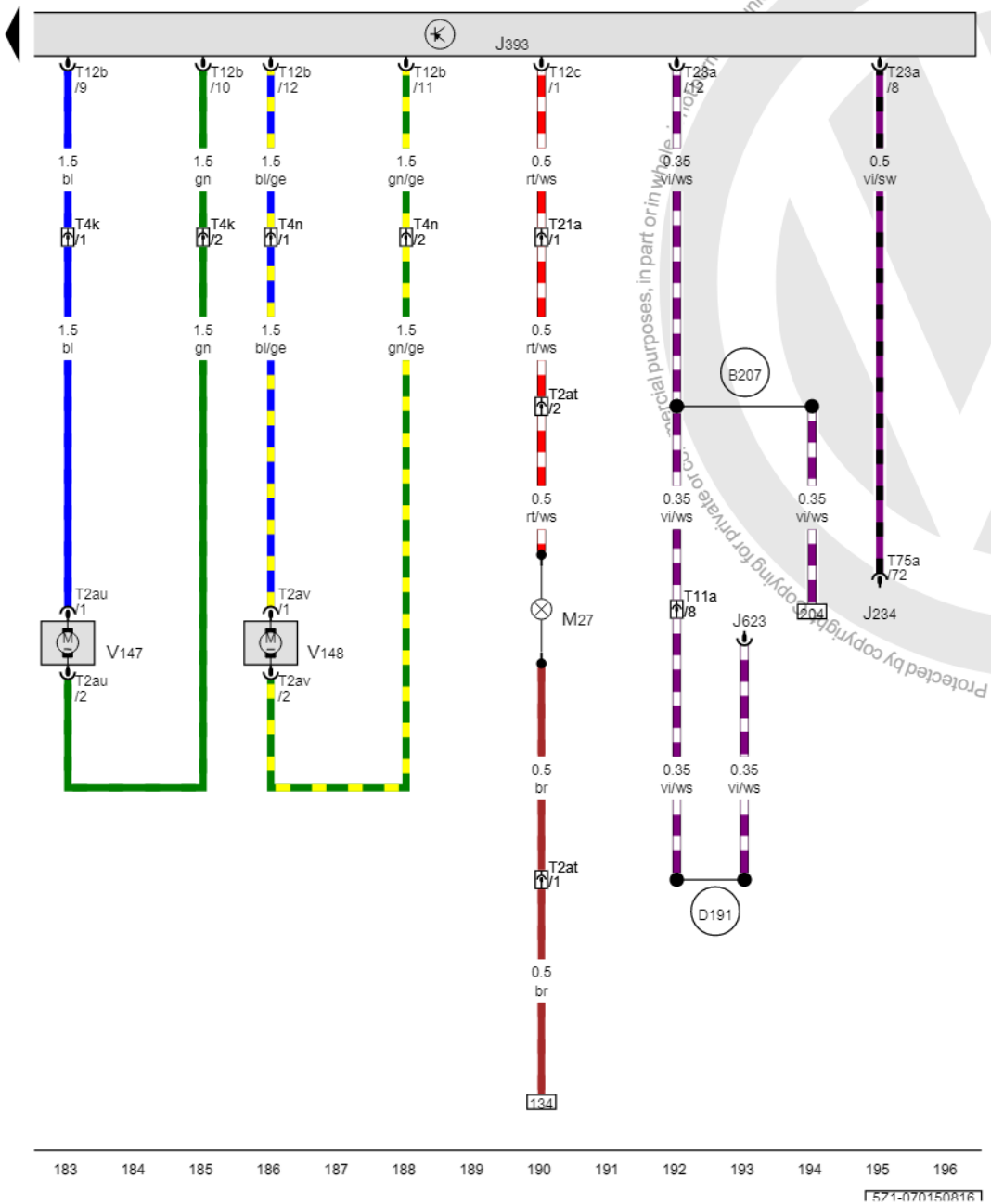


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Luggage compartment light switch, Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system, Anti-theft alarm ultrasonic sensor, Convenience system central control unit, Luggage compartment light

F5	Luggage compartment light switch
F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
G209	Anti-theft alarm ultrasonic sensor
J393	Convenience system central control unit
M25	High-level brake light bulb
T1l	Single connector
T2bz	2-pin connector
T2m	2-pin connector
T4i	4-pin connector
T4x	4-pin connector
T5c	5-pin connector, behind rear left side trim, near wheel arch
T5j	5-pin connector, on luggage compartment light switch
T8l	8-pin connector
T12c	12-pin connector
T23a	23-pin connector
V12	Rear window wiper motor
W3	Luggage compartment light
Z1	Heated rear window
50	Earth point, on left in luggage compartment
98	Earth connection, in rear lid wiring harness
B128	Connection (luggage compartment light), in interior wiring harness
*	Only models with tilting sunroof
*2	For models with anti-theft alarm system

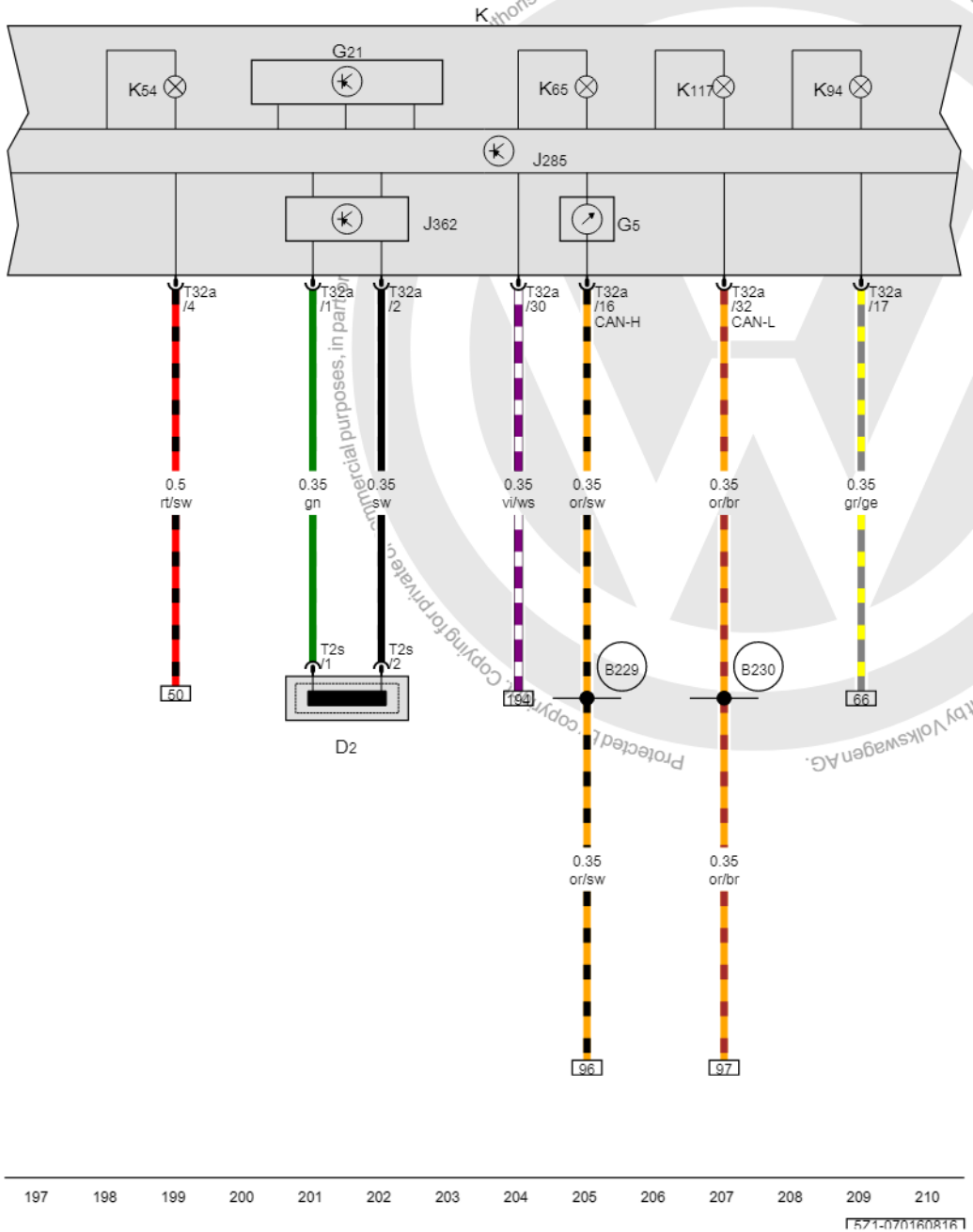
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Convenience system central control unit, Left door warning lamp, Driver side window regulator motor, Front passenger side window regulator motor

J234	Airbag control unit
J393	Convenience system central control unit
J623	Engine control unit
M27	Left door warning lamp
T2at	2-pin connector
T2au	2-pin connector
T2av	2-pin connector
T4k	4-pin connector, in driver door
T4n	4-pin connector, in front passenger door
T11a	11-pin connector, on left in engine compartment
T12b	12-pin connector
T12c	12-pin connector
T21a	21-pin connector, in front left door
T23a	23-pin connector
T75a	75-pin connector
V147	Driver side window regulator motor
V148	Front passenger side window regulator motor
B207	Connection (convenience), in interior wiring harness
D191	Speed sender connection, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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Immobiliser reader coil, Rev. counter, Speedometer, Immobiliser control unit, Dash panel insert, Battery charge condition warning lamp: red LED for less than 12 Volt, Left turn signal warning lamp, Right turn signal warning lamp, Immobiliser warning lamp

D2	Immobiliser reader coil
G5	Rev. counter
G21	Speedometer
J285	Control unit in dash panel insert
J362	Immobiliser control unit
K	Dash panel insert
K54	Battery charge condition warning lamp: red LED for less than 12 Volt
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K117	Immobiliser warning lamp
T2s	2-pin connector
T32a	32-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Basic equipment (Europe)

from December 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

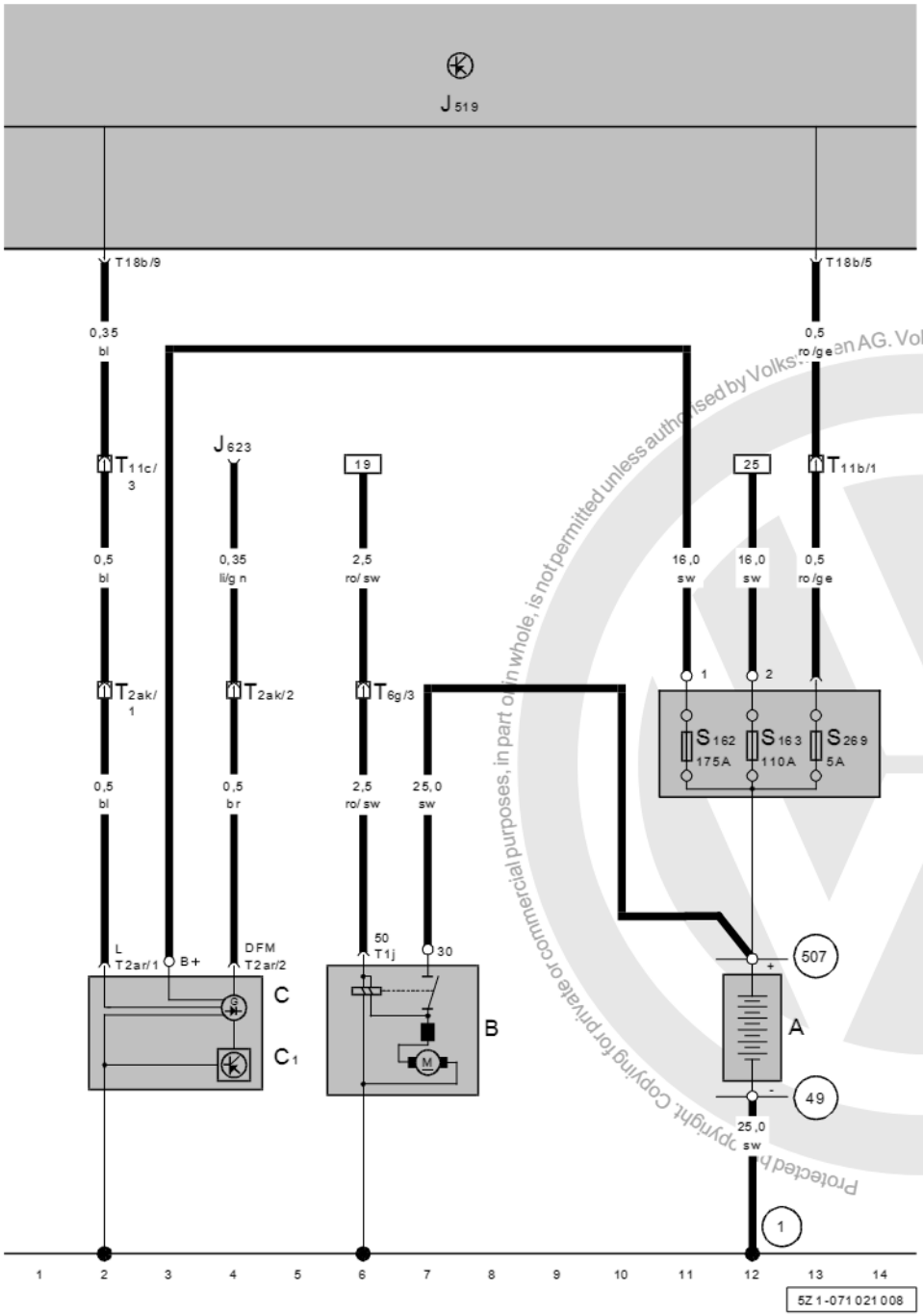
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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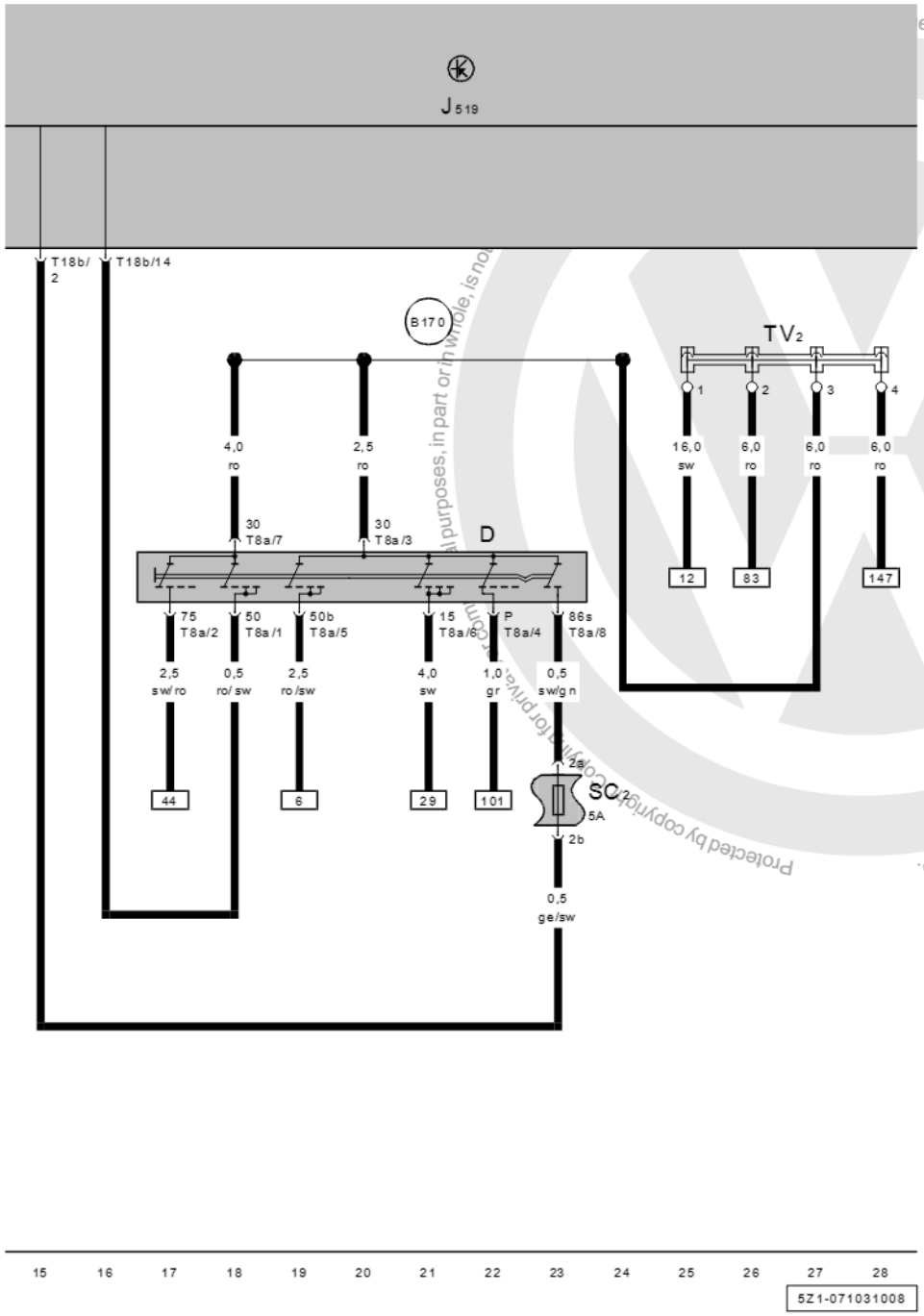


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S269	Fuse 11 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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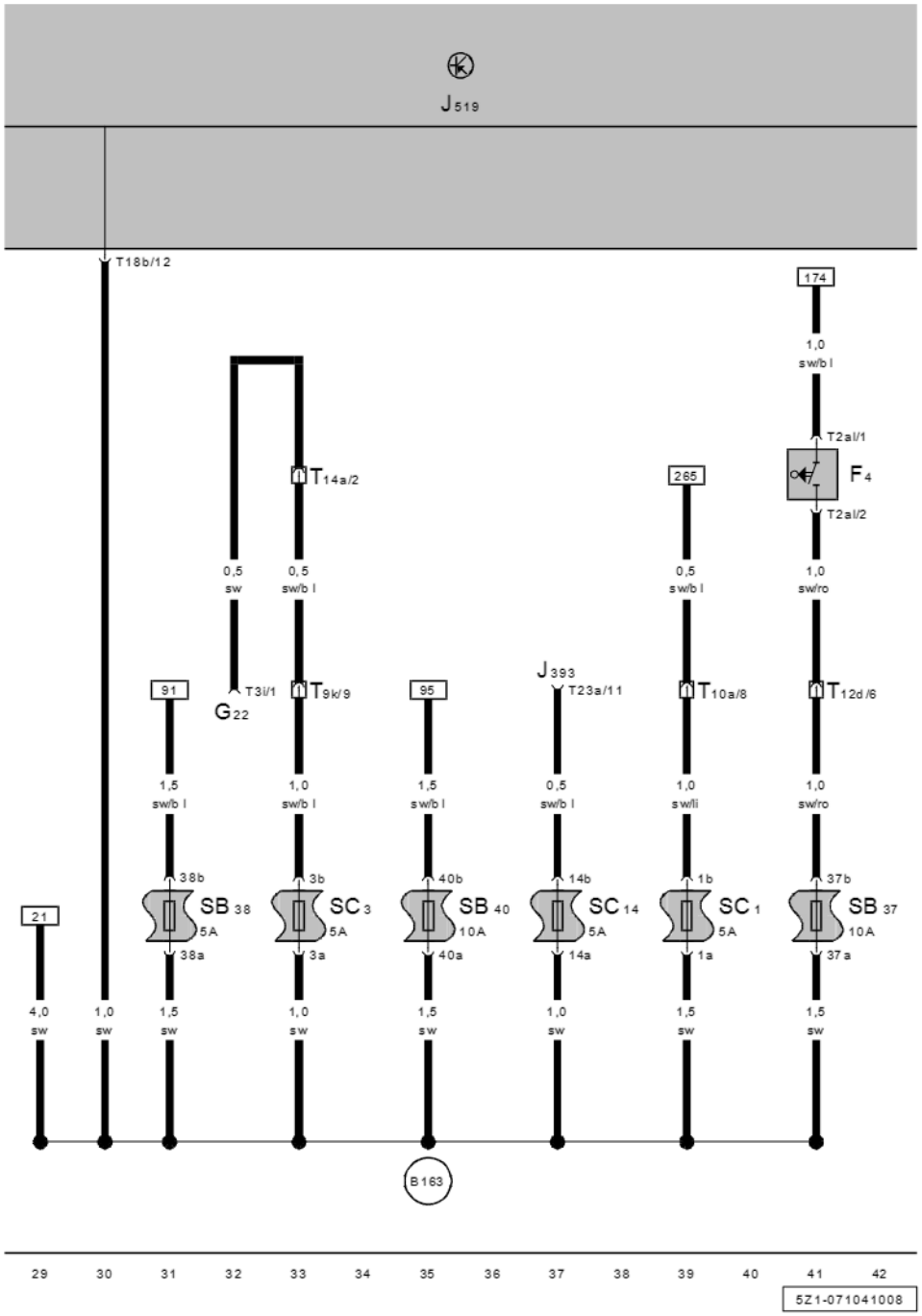


Ignition/starter switch, onboard supply control unit, terminal 30 wiring junction

D	Ignition/starter switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector, on ignition/starter switch
T18b	18-pin connector, on onboard supply control unit
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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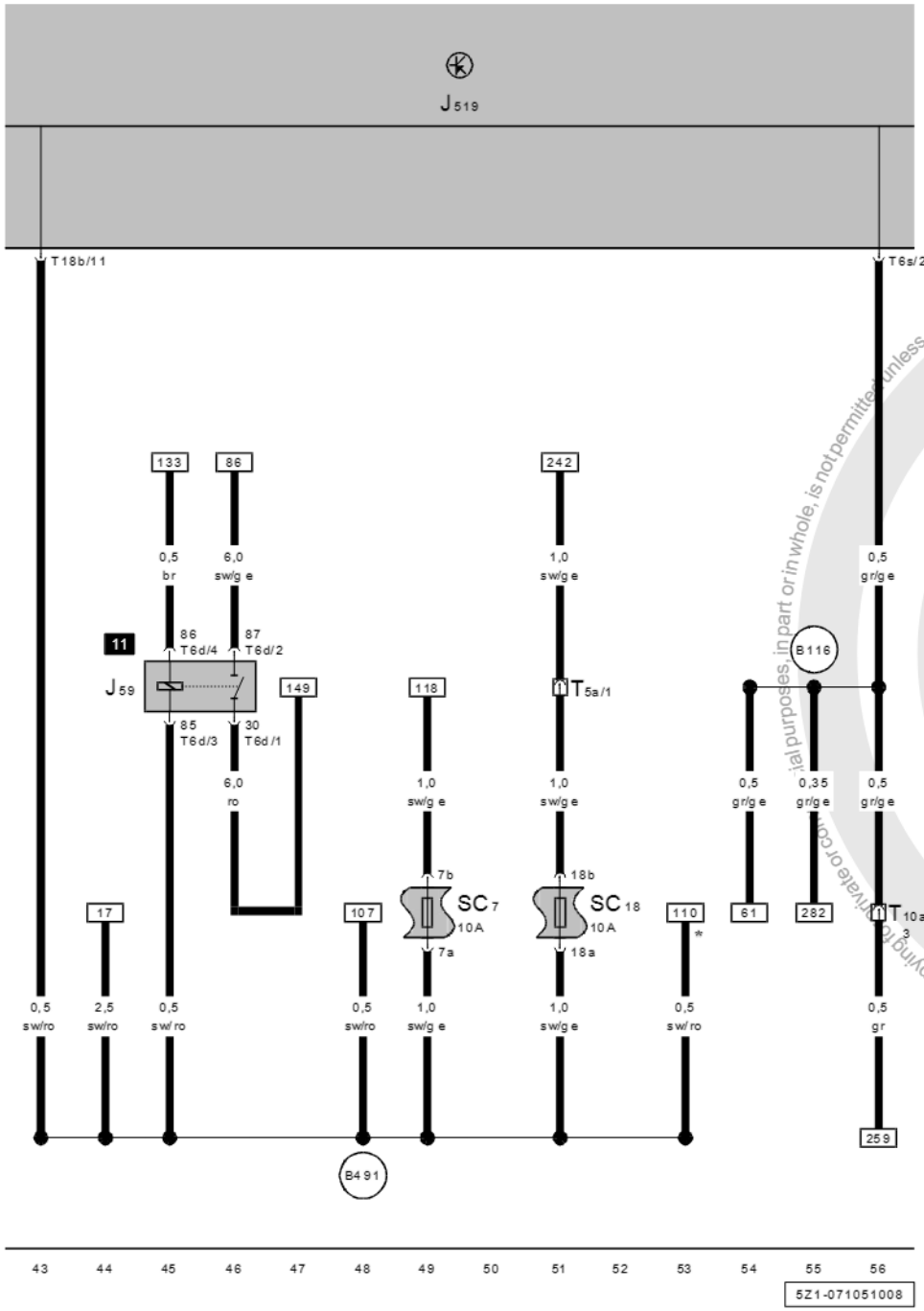


Reversing light switch, onboard supply control unit

F4	Reversing light switch
G22	Speedometer sender
J393	Convenience system central control unit
J519	Onboard supply control unit
SB37	Fuse 37 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
SC1	Fuse 1 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC14	Fuse 14 on fuse holder C
T2al	2-pin connector, on reversing light switch
T3i	3-pin connector, on speedometer sender
T9k	9-pin connector, in left engine compartment
T10a	10-pin connector, behind right dash panel
T12d	12-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
T23a	23-pin connector, on convenience system central control unit
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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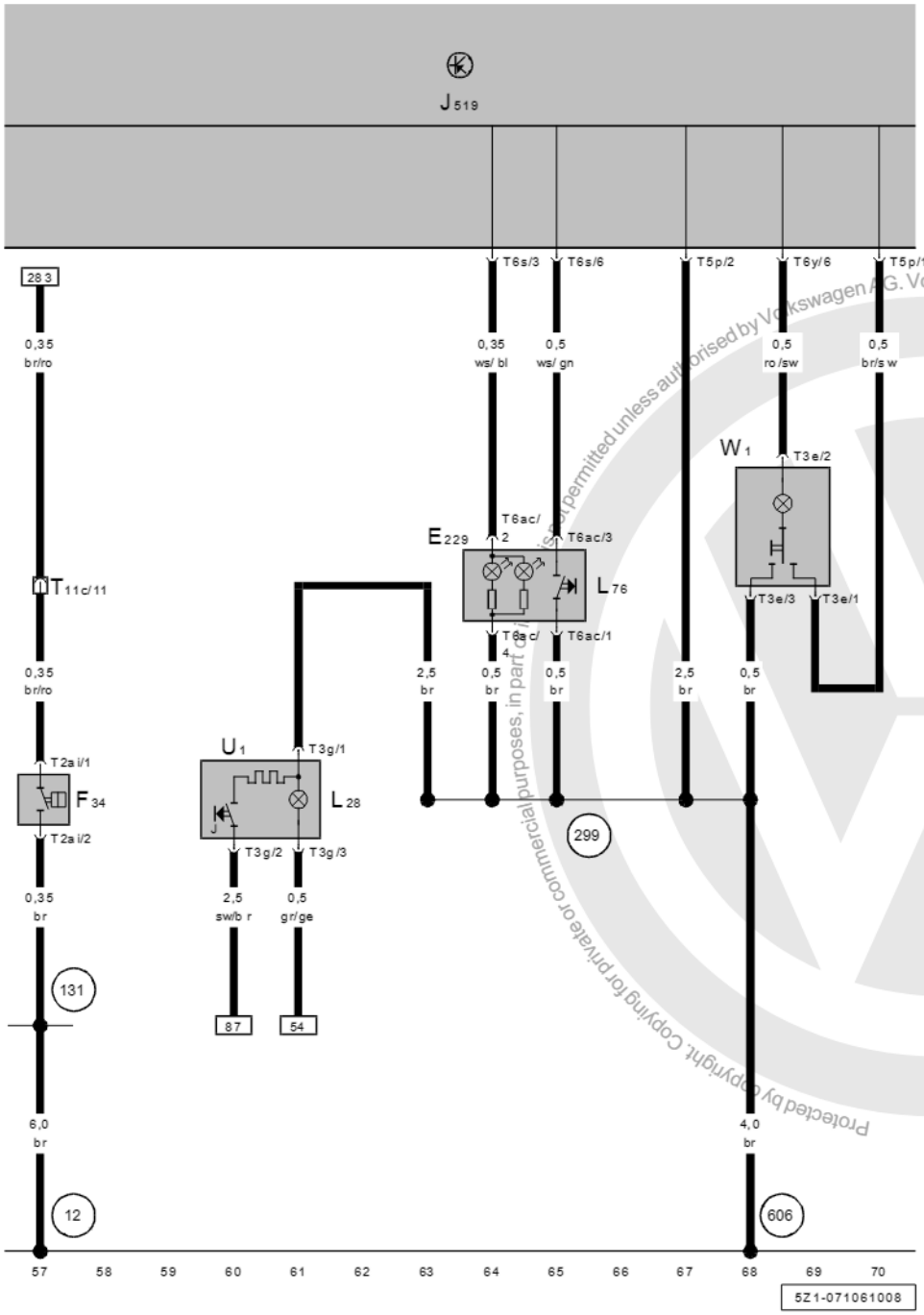


X-contact relief relay, onboard supply control unit

J59	X-contact relief relay
J519	Onboard supply control unit
SC7	Fuse 7 on fuse holder C
SC18	Fuse 18 on fuse holder C
T5a	5-pin connector, behind side trim on rear left, near wheel arch
T6d	6-pin connector, on X-contact relief relay
T6s	6-pin connector, on onboard supply control unit
T10a	10-pin connector, behind right dash panel
T18b	18-pin connector, on onboard supply control unit
(B116)	Connection (58d), in interior wiring harness
(B491)	Positive connection (75), in interior wiring harness
*	for models with day driving light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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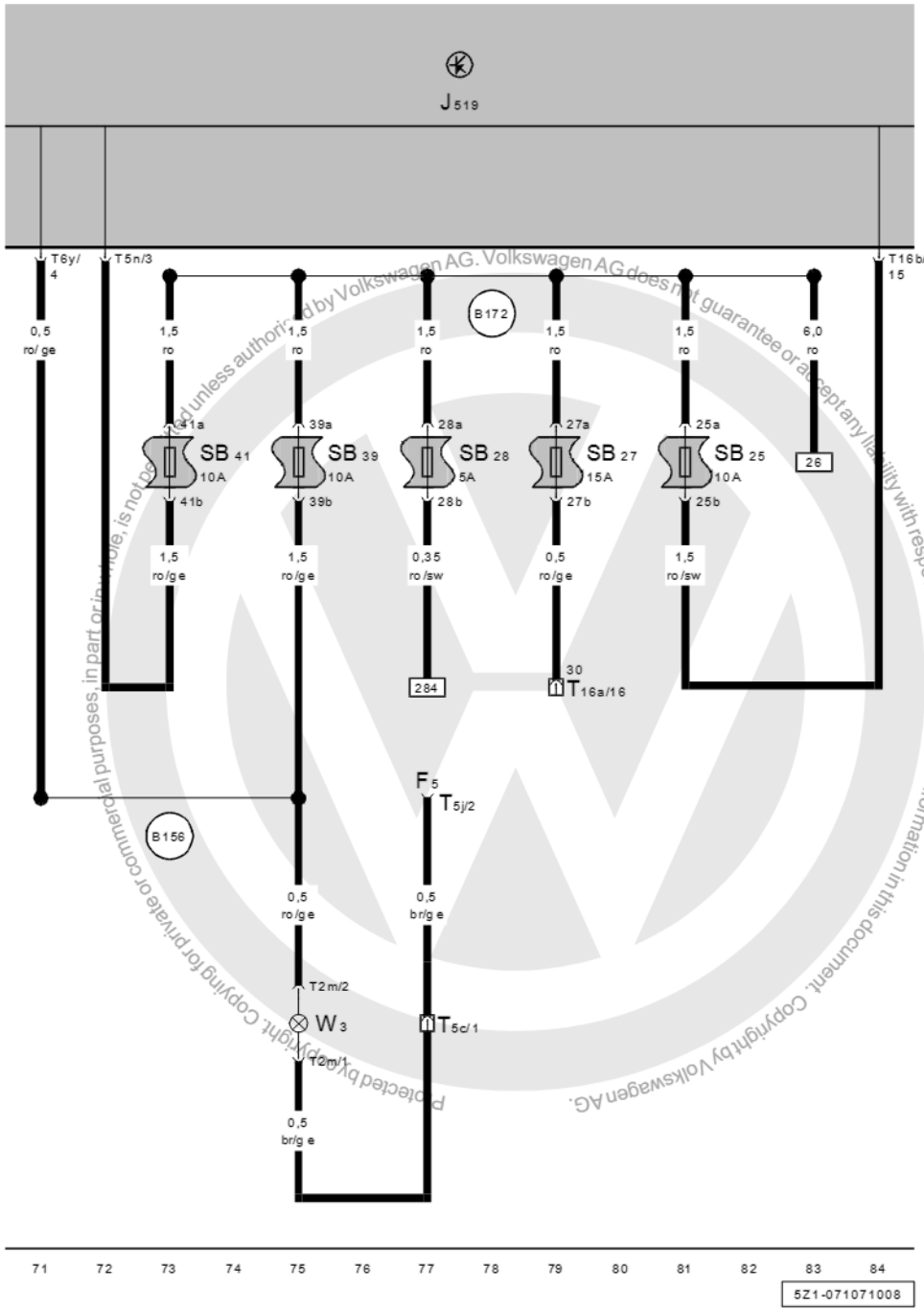


Hazard warning light switch, brake fluid level warning contact, onboard supply control unit, cigarette lighter, front interior light

E229	Hazard warning lights button
F34	Brake fluid level warning contact
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
L76	Button illumination bulb
T2ai	2-pin connector, on brake fluid level warning contact
T3e	3-pin connector, on front interior light
T3g	3-pin connector, on cigarette lighter
T5p	5-pin connector, on onboard supply control unit
T6ac	6-pin connector, on hazard warning lights button
T6s	6-pin connector, on onboard supply control unit
T6y	6-pin connector, on onboard supply control unit
T11c	11-pin connector, in left engine compartment
U1	Cigarette lighter
W1	Front interior light
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
299	Earth connection 14, in interior wiring harness
606	Earth point, under the centre console near selector lever

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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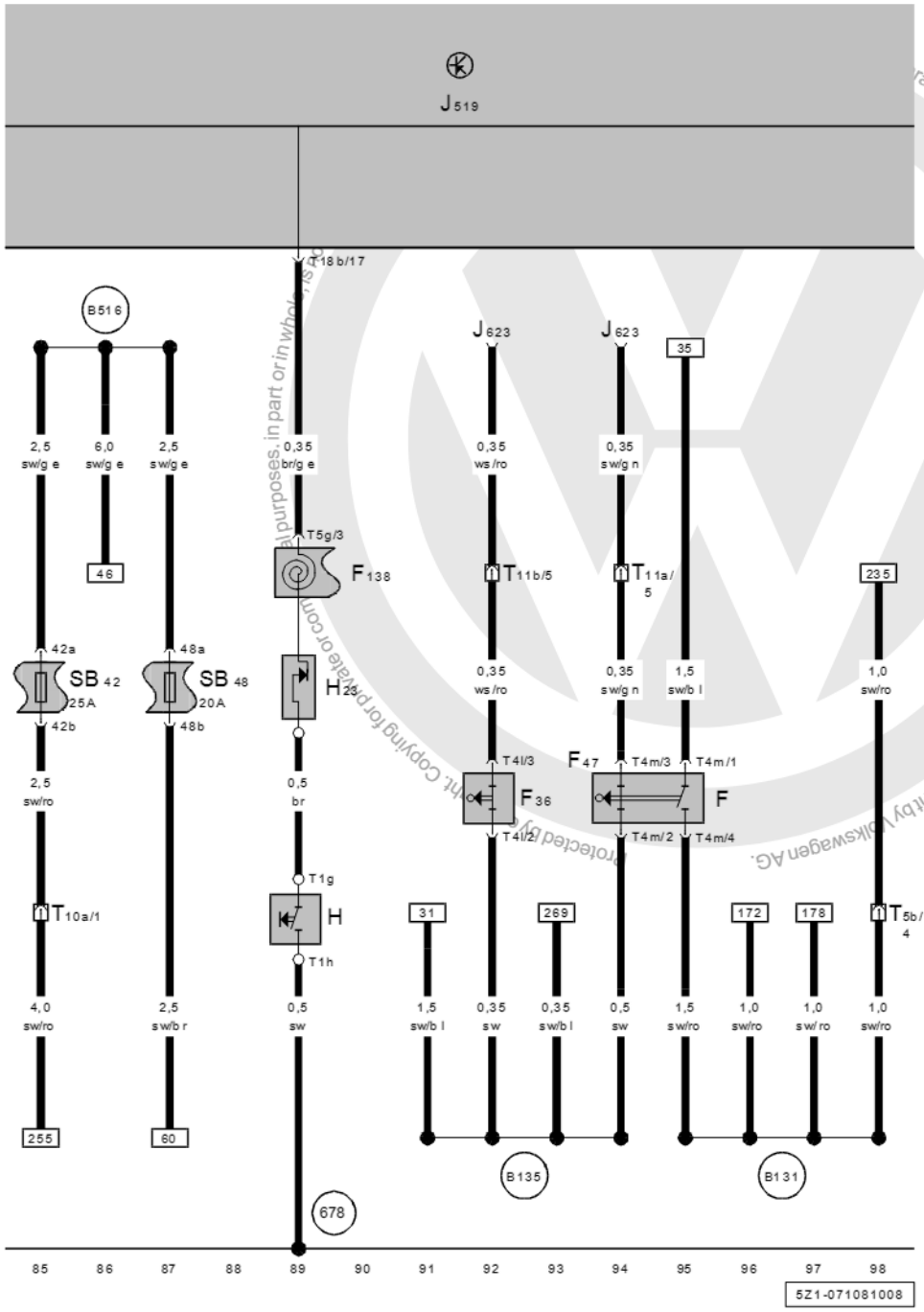


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Onboard supply control unit, luggage compartment light

F5	Luggage compartment light switch
J519	Onboard supply control unit
SB25	Fuse 25 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB39	Fuse 39 on fuse holder B
SB41	Fuse 41 on fuse holder B
T2m	2-pin connector, on luggage compartment light
T5c	5-pin connector, behind side trim on rear left, near wheel arch
T5j	5-pin connector, on luggage compartment light switch/ contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
T5n	5-pin connector, on onboard supply control unit
T6y	6-pin connector, on onboard supply control unit
T16a	16-pin connector, diagnostic
T16b	16-pin connector, on onboard supply control unit
W3	Luggage compartment light
B156	Positive connection (30a), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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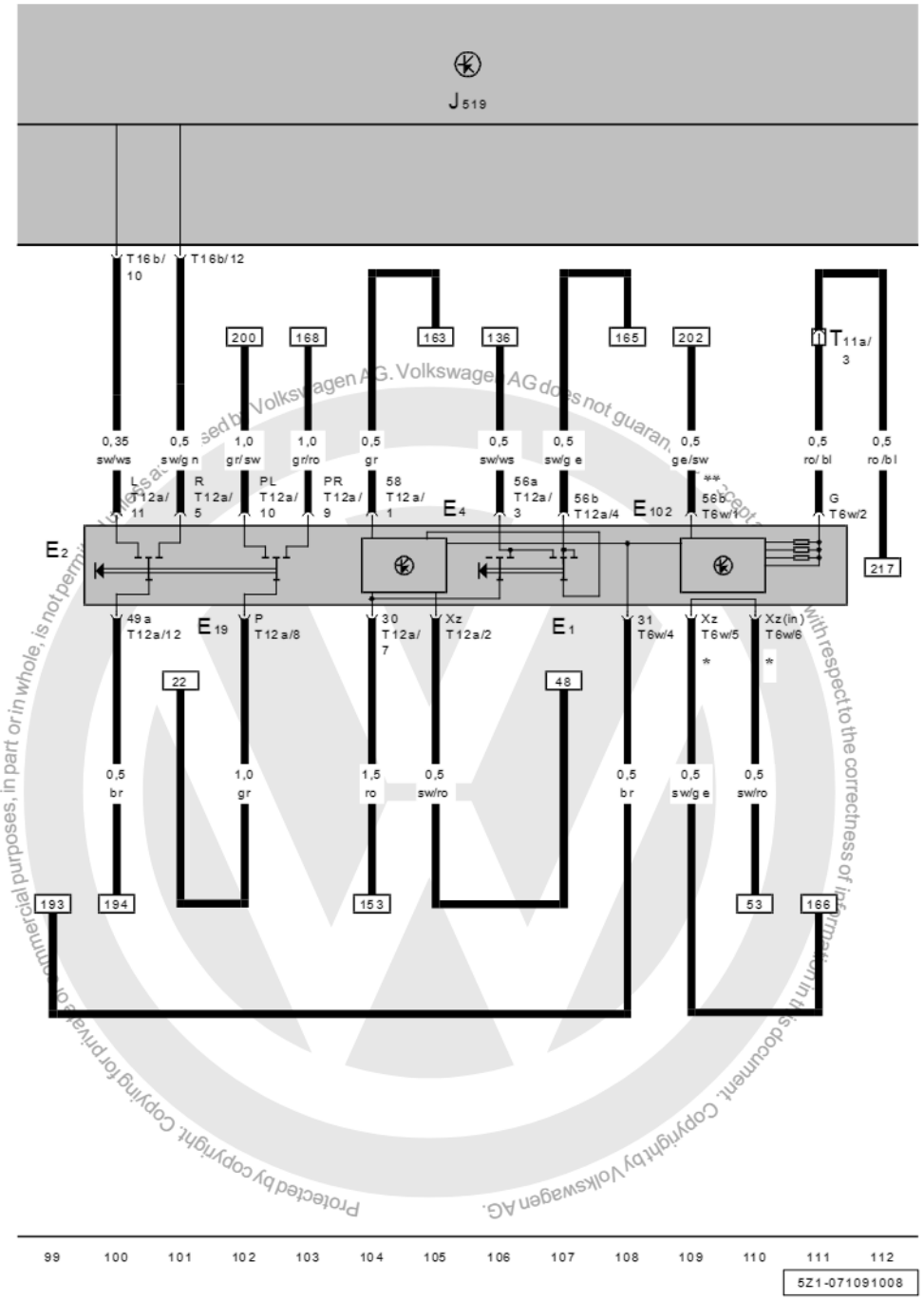


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake light switch, clutch pedal switch, brake pedal switch, airbag coil connector and return ring with slip ring, horn plate, horn activation contact ring

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
F138	Airbag coil connector and return spring with slip ring
H	Horn plate
H23	Horn activation contact ring
J519	Onboard supply control unit
J623	Engine control unit
SB42	Fuse 42 on fuse holder B
SB48	Fuse 48 on fuse holder B
T1g	Single pin connector, on horn plate
T1h	Single pin connector, on horn plate
T4l	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake pedal switch
T5b	5-pin connector, behind trim on left, near wheel arch
T5g	5-pin connector, on airbag coil connector and return spring with slip ring
T10a	10-pin connector, behind right dash panel
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
678	Earth point in steering wheel
B131	Connection (54), in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness

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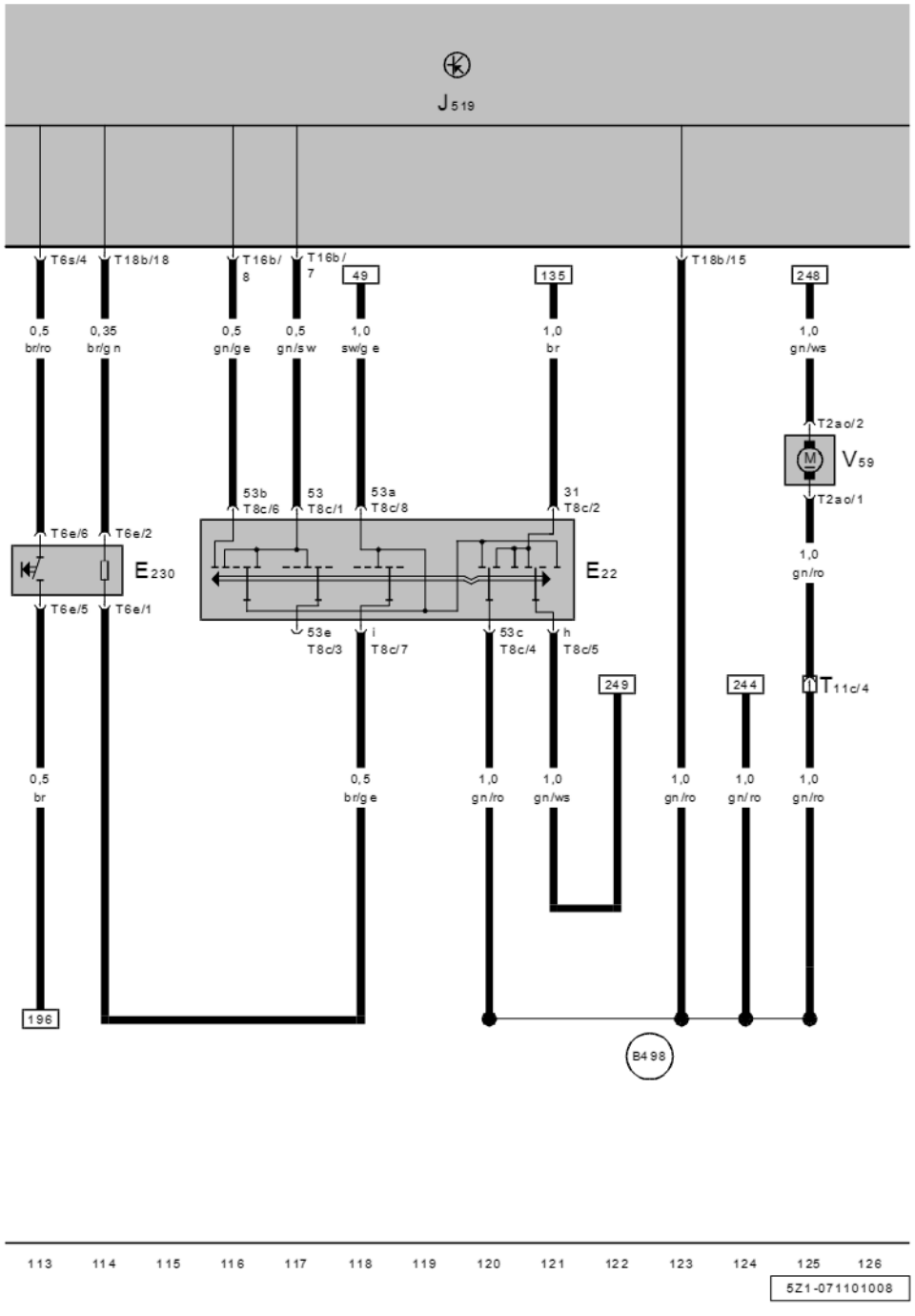


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Light switch, turn signal switch, parking light switch, headlight range control regulator, onboard supply control unit

E1	Light switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
E102	Headlight range control regulator
J519	Onboard supply control unit
T6w	6-pin connector, on headlight range control regulator
T11a	11-pin connector, in left engine compartment
T12a	12-pin connector, on light switch
T16b	16-pin connector, on onboard supply control unit
*	for models with day driving light
**	for models with parking light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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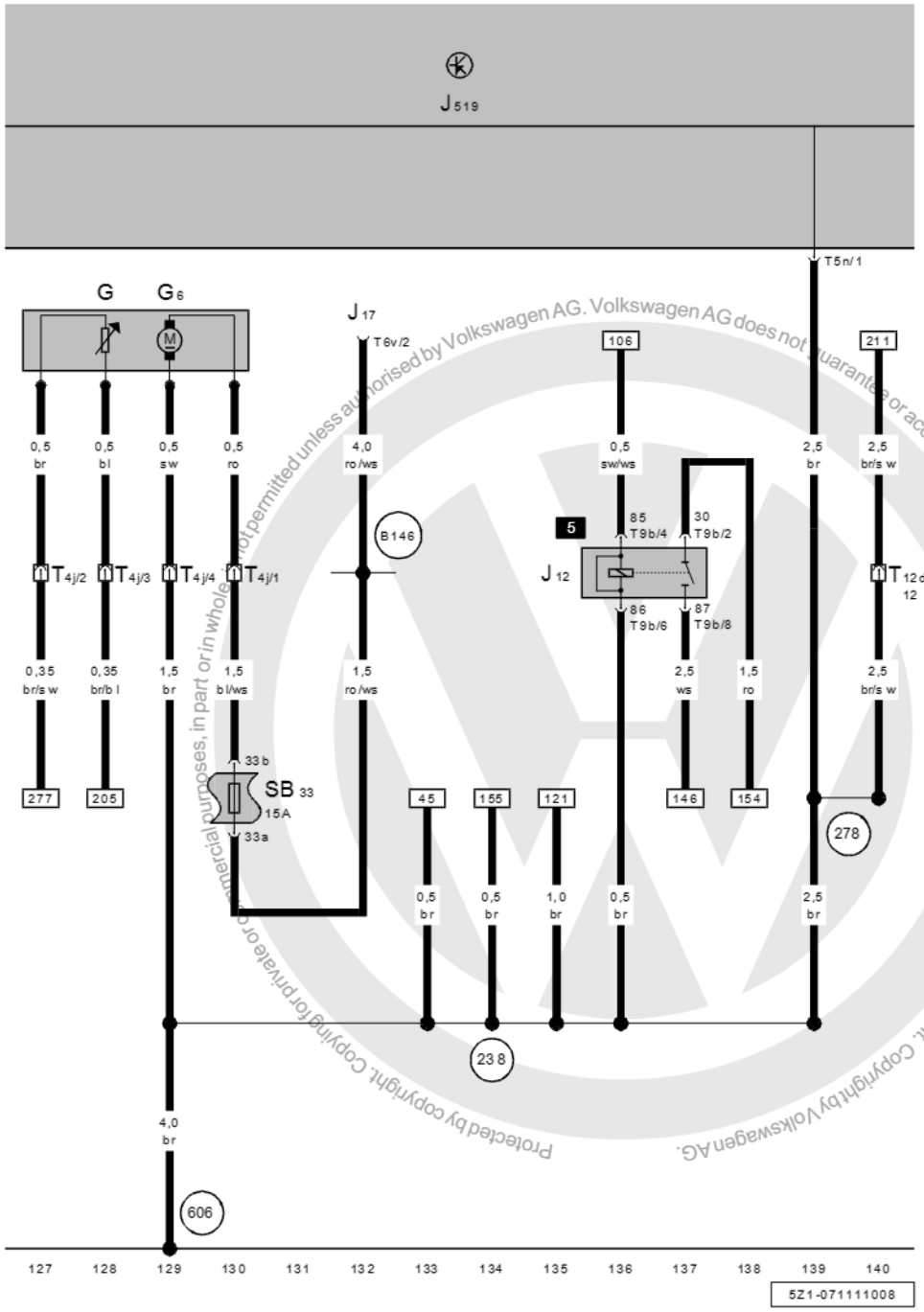


Intermittent wiper switch, heated rear window switch, onboard supply control unit, windscreen and rear window washer pump

E22	Intermittent wiper switch
E230	Heated rear window switch
J519	Onboard supply control unit
T2ao	2-pin connector, on windscreen and rear window washer pump
T6e	6-pin connector, on heated rear window switch
T6s	6-pin connector, on onboard supply control unit
T8c	8-pin connector, on intermittent wiper switch
T11c	11-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
T18b	18-pin connector, on onboard supply control unit
V59	Windscreen and rear window washer pump
B498	Connection 1 (53c), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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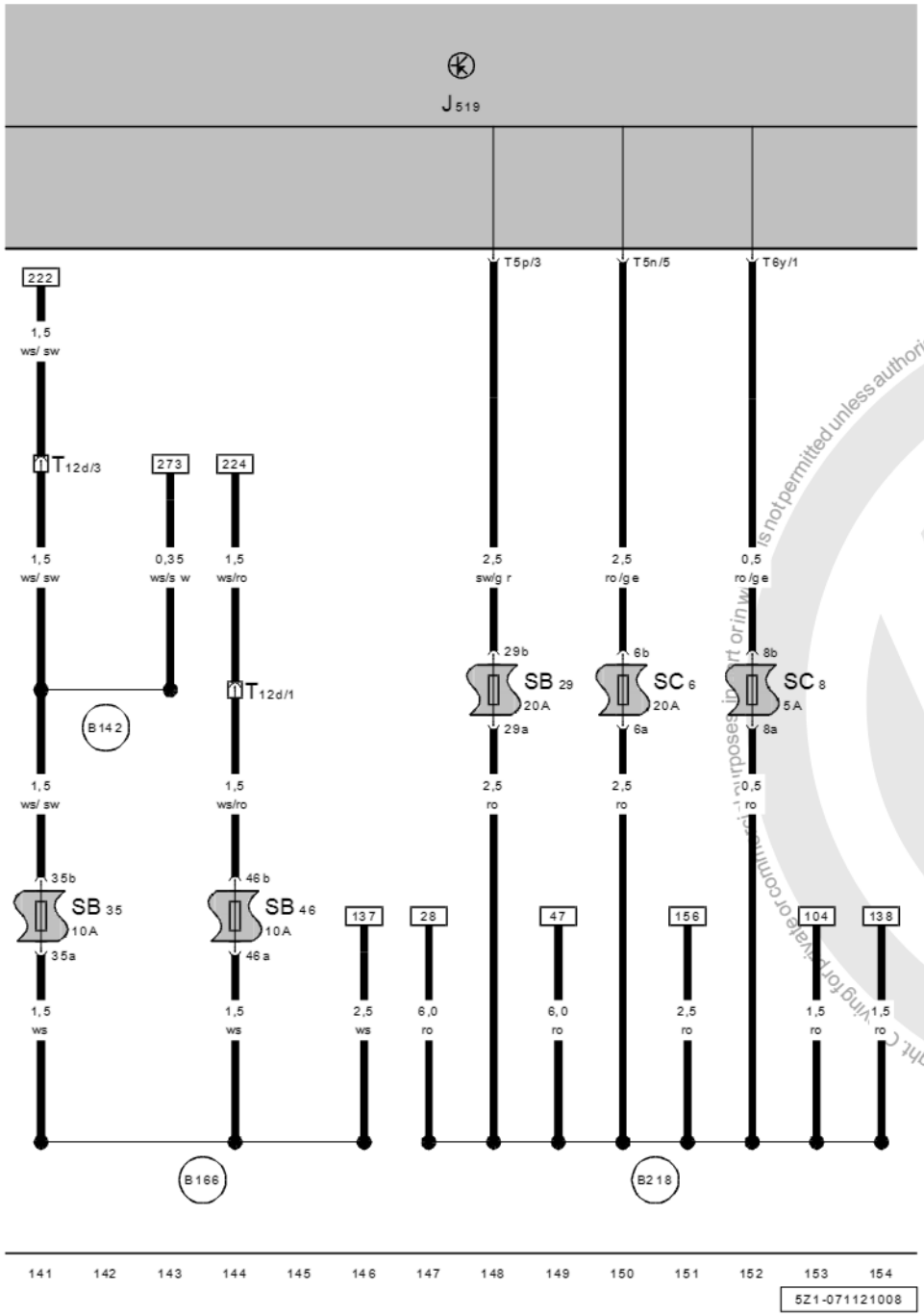


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rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuel gauge sender, fuel system pressurisation pump, headlight main beam relay, onboard supply control unit

G	Fuel gauge sender
G6	Fuel system pressurisation pump
J12	Headlight main beam relay
J17	Fuel pump relay
J519	Onboard supply control unit
SB33	Fuse 33 on fuse holder B
T4j	4-pin connector, on fuel system pressurisation pump
T5n	5-pin connector, on onboard supply control unit
T6v	6-pin connector, on fuel pump relay
T9b	9-pin connector, on headlight main beam relay
T12d	12-pin connector, in left engine compartment
238	Earth connection 1, in interior wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near selector lever
B146	Positive connection 1 (87), in interior wiring harness

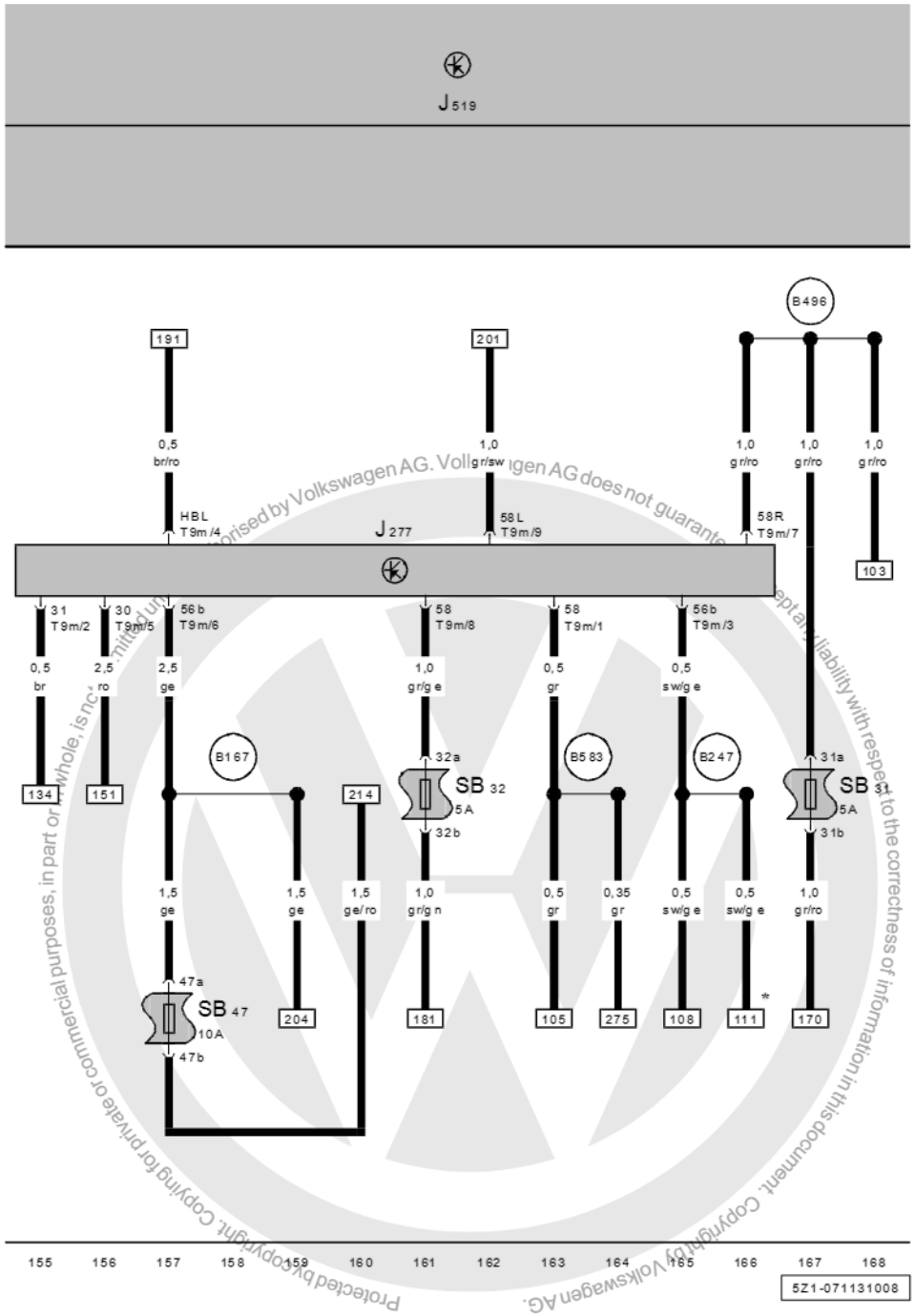


Onboard supply control unit

J519	Onboard supply control unit
SB29	Fuse 29 on fuse holder B
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
SC6	Fuse 6 on fuse holder C
SC8	Fuse 8 on fuse holder C
T5n	5-pin connector, on onboard supply control unit
T5p	5-pin connector, on onboard supply control unit
T6y	6-pin connector, on onboard supply control unit
T12d	12-pin connector, in left engine compartment
B142	Positive connection 2 (56a), in interior wiring harness
B166	Connection (56a), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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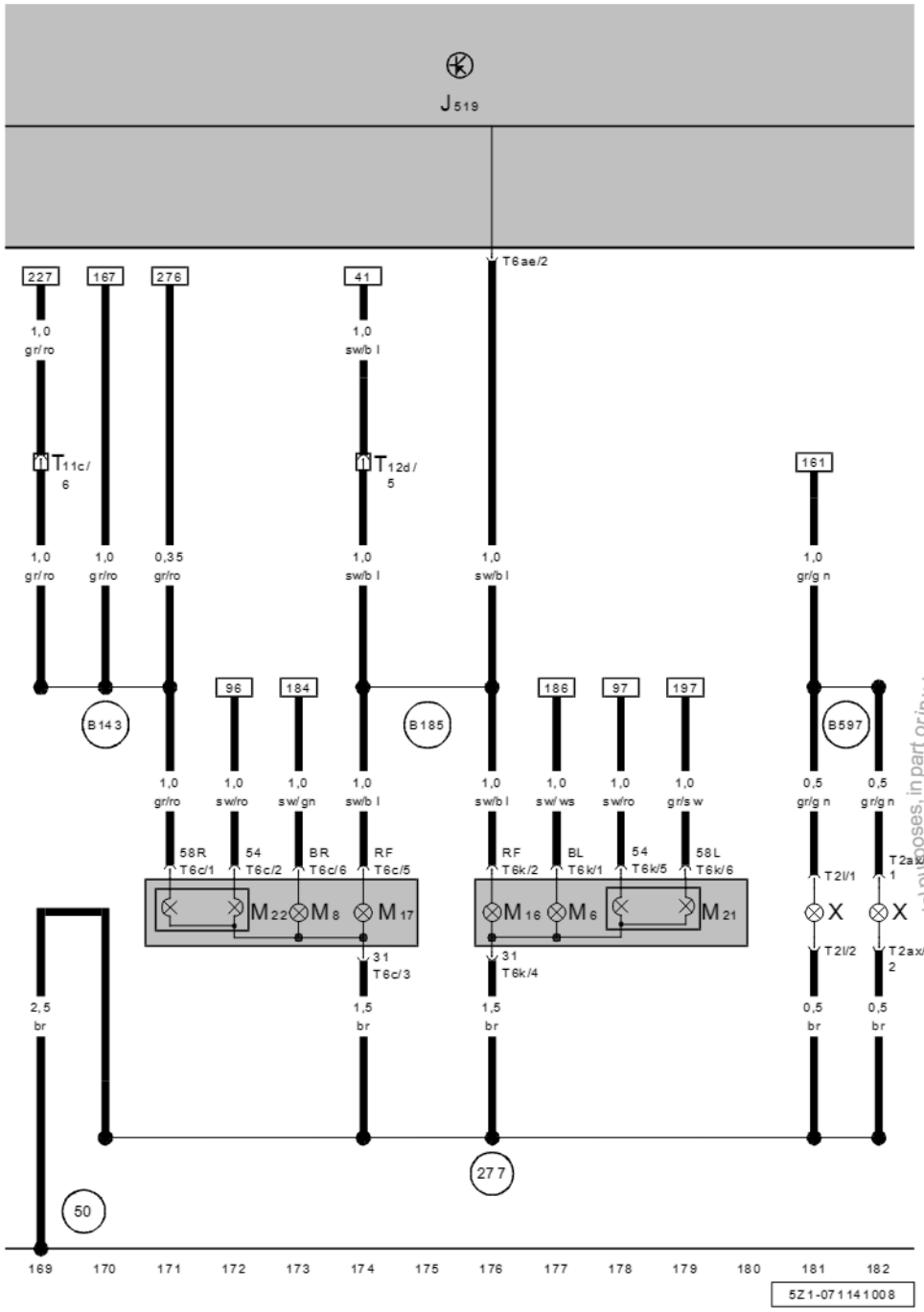


Daytime running lights relay, side and tail lights, onboard supply control unit

J277	Daytime running lights relay, side and tail lights
J519	Onboard supply control unit
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB47	Fuse 47 on fuse holder B
T9m	9-pin connector, on daytime running lights relay, side and tail lights
B167	Connection (56b), in interior wiring harness
B247	Connection 2 (56b), in interior wiring harness
B496	Positive connection 4 (58R), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
*	for models with day driving light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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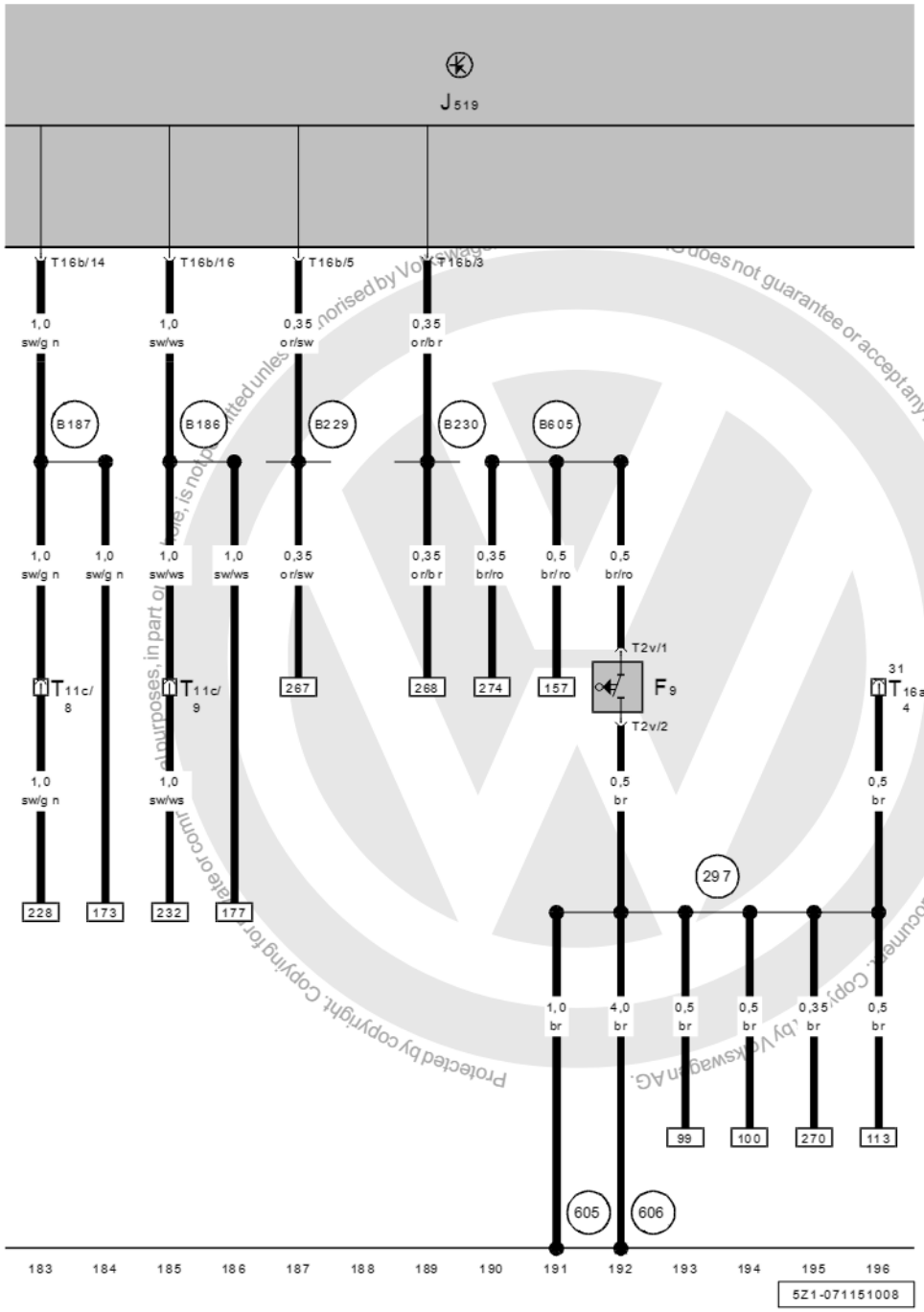


Onboard supply control unit, rear left turn signal bulb, left reversing light bulb, left brake and tail light bulb, number plate light

J519	Onboard supply control unit
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
T2ax	2-pin connector, on number plate light
T2l	2-pin connector, on number plate light
T6ae	6-pin connector, on onboard supply control unit
T6c	6-pin connector, on right rear fog light
T6k	6-pin connector, on left rear fog light
T11c	11-pin connector, in left engine compartment
T12d	12-pin connector, in left engine compartment
X	Number plate light
50	Earth points, on left in luggage compartment
277	Earth connection 3, in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B185	Connection 2 (54), in interior wiring harness
B597	Positive connection 1 (58a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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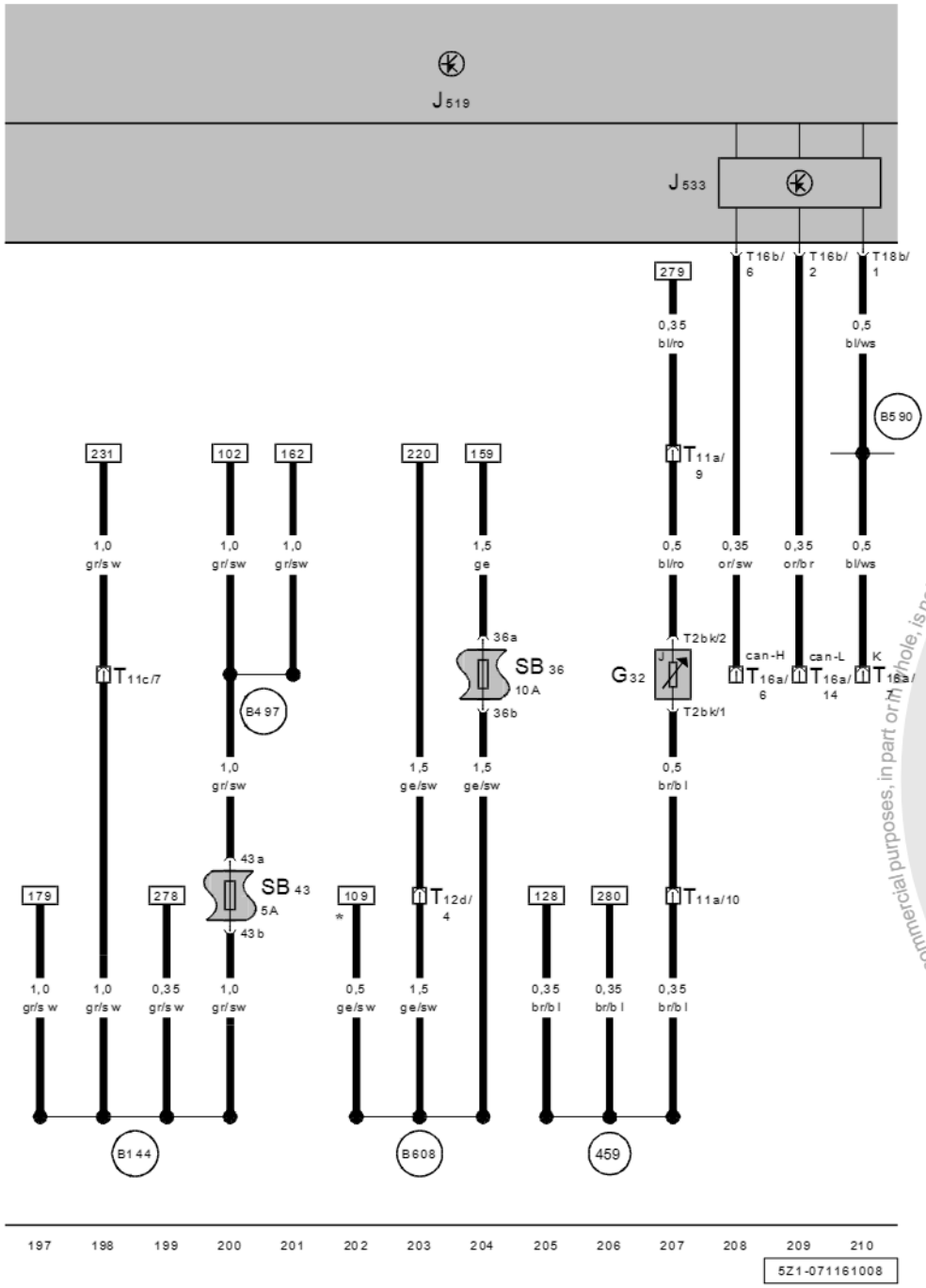


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Handbrake warning switch, onboard supply control unit

F9	Handbrake warning switch
J519	Onboard supply control unit
T2v	2-pin connector, on handbrake warning switch
T11c	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T16b	16-pin connector, on onboard supply control unit
297	Earth connection 12, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near selector lever
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B605	Connection 1, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

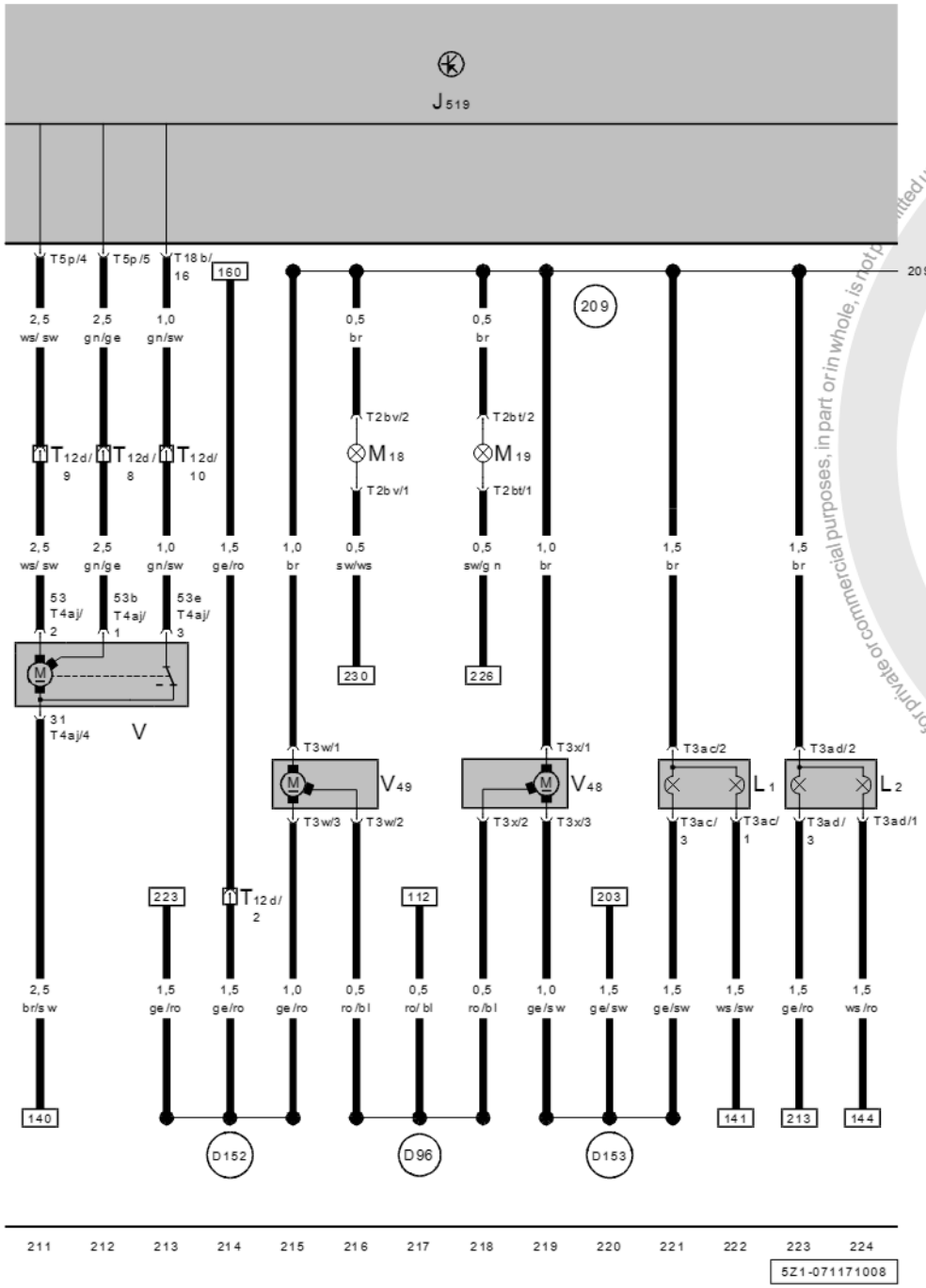


Coolant shortage indicator sender, onboard supply control unit, data bus diagnostic interface

G32	Coolant shortage indicator sender
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SB36	Fuse 36 on fuse holder B
SB43	Fuse 43 on fuse holder B
T2bk	2-pin connector, on coolant shortage indicator sender
T11a	11-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T12d	12-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T16b	16-pin connector, on onboard supply control unit
T18b	18-pin connector, on onboard supply control unit
459	Earth connection 15, in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B497	Positive connection 2 (58L), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness
B608	Connection 4, in interior wiring harness
*	for models with parking light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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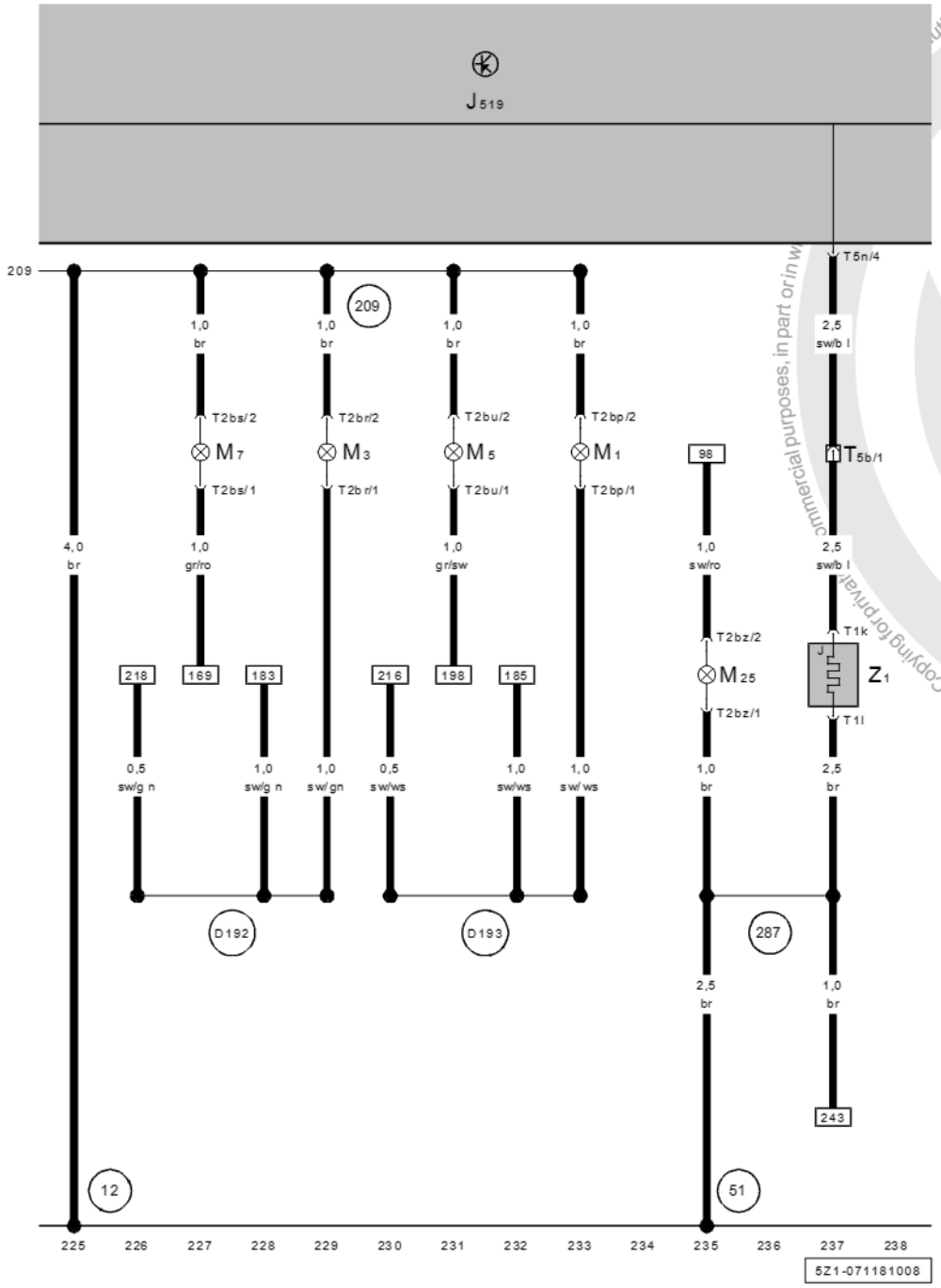


Left side repeater turn signal bulb, left headlight twin filament bulb/left sealed beam insert, windscreen wiper motor, left headlight range control motor

J519	Onboard supply control unit
M18	Left side mounted turn signal bulb
M19	Right side mounted turn signal bulb
T2bt	2-pin connector, on right side repeater turn signal bulb
T2bv	2-pin connector, on left side repeater turn signal bulb
T3w	3-pin connector, on right headlight range control motor
T3x	3-pin connector, on left headlight range control motor
T3ac	3-pin connector, on left headlight twin filament bulb/left sealed beam insert
T3ad	3-pin connector, on right headlight twin filament bulb/right sealed beam insert
T4aj	4-pin connector, on windscreen wiper motor
T5p	5-pin connector, on onboard supply control unit
T12d	12-pin connector, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
L1	Left headlight twin filament bulb/left sealed beam insert
L2	Right headlight twin filament bulb/right sealed beam insert
V	Windscreen wiper motor
V48	Left headlight range control motor
V49	Right headlight range control motor
209	Earth connection 6, in engine compartment wiring harness
D96	Connection (headlight range control), in engine compartment wiring harness
D152	Positive connection 1 (56b), in engine compartment wiring harness
D153	Positive connection 2 (56b), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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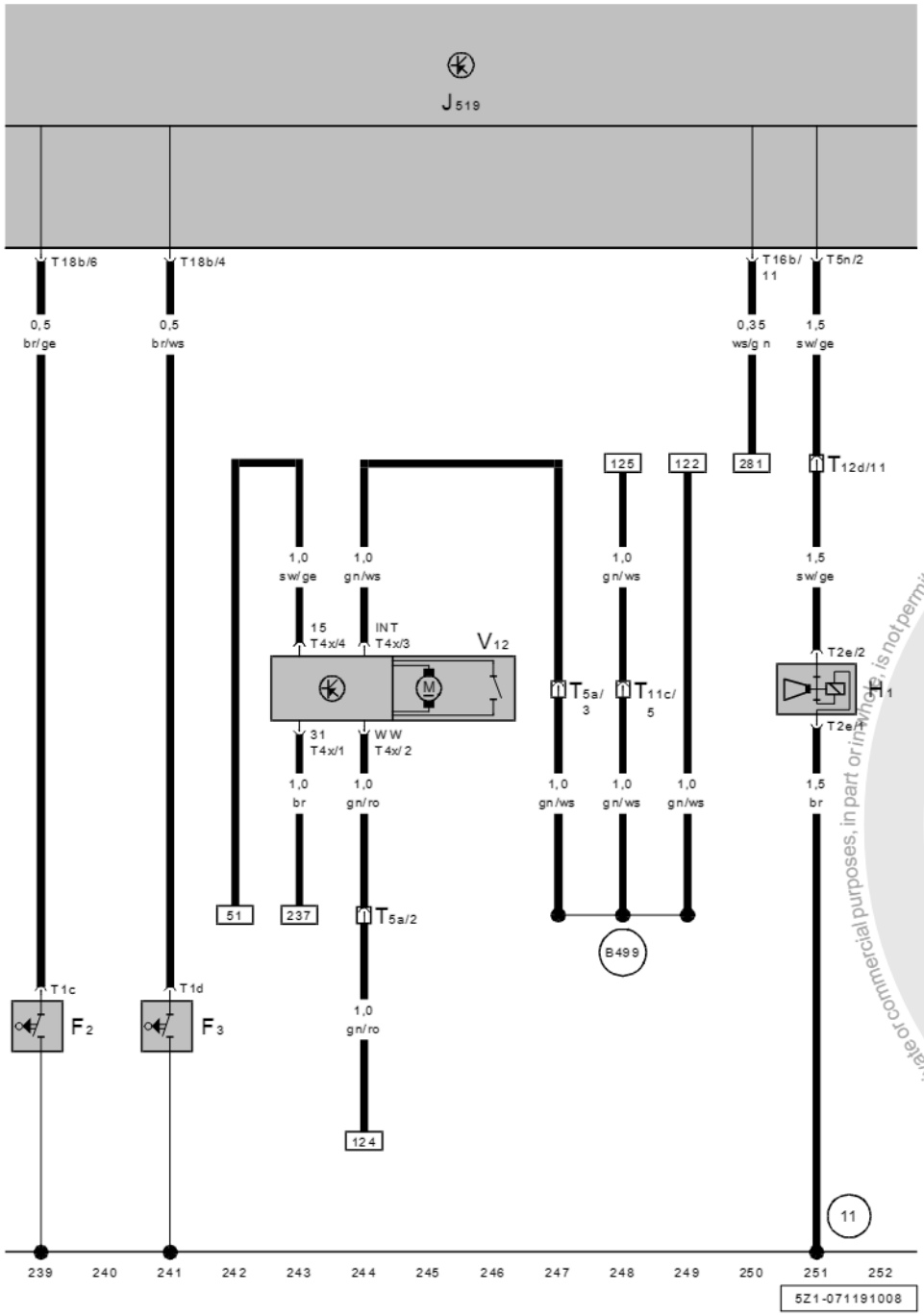


Onboard supply control unit, left side light bulb, front left turn signal bulb, high-level brake light bulb, heated rear window

J519	Onboard supply control unit
M1	Left side light bulb
M3	Right side light bulb
M5	Front left turn signal bulb
M7	Front right turn signal bulb
M25	High level brake light bulb
T1k	Single connector, on heated rear window
T1l	Single connector, on heated rear window
T2bp	2-pin connector, on left side light bulb
T2br	2-pin connector, on right side light bulb
T2bs	2-pin connector, on the front right turn signal bulb
T2bu	2-pin connector, on the front left turn signal bulb
T2bz	2-pin connector, on high level brake light bulb
T5b	5-pin connector, behind trim on left, near wheel arch
T5n	5-pin connector, on onboard supply control unit
Z1	Heated rear window
12	Earth point, on left in engine compartment
51	Earth point, in luggage compartment
209	Earth connection 6, in engine compartment wiring harness
287	Earth connection, in rear lid feeder wiring harness
D192	Connection 1 (RTS), in engine compartment wiring harness
D193	Connection 1 (LTS), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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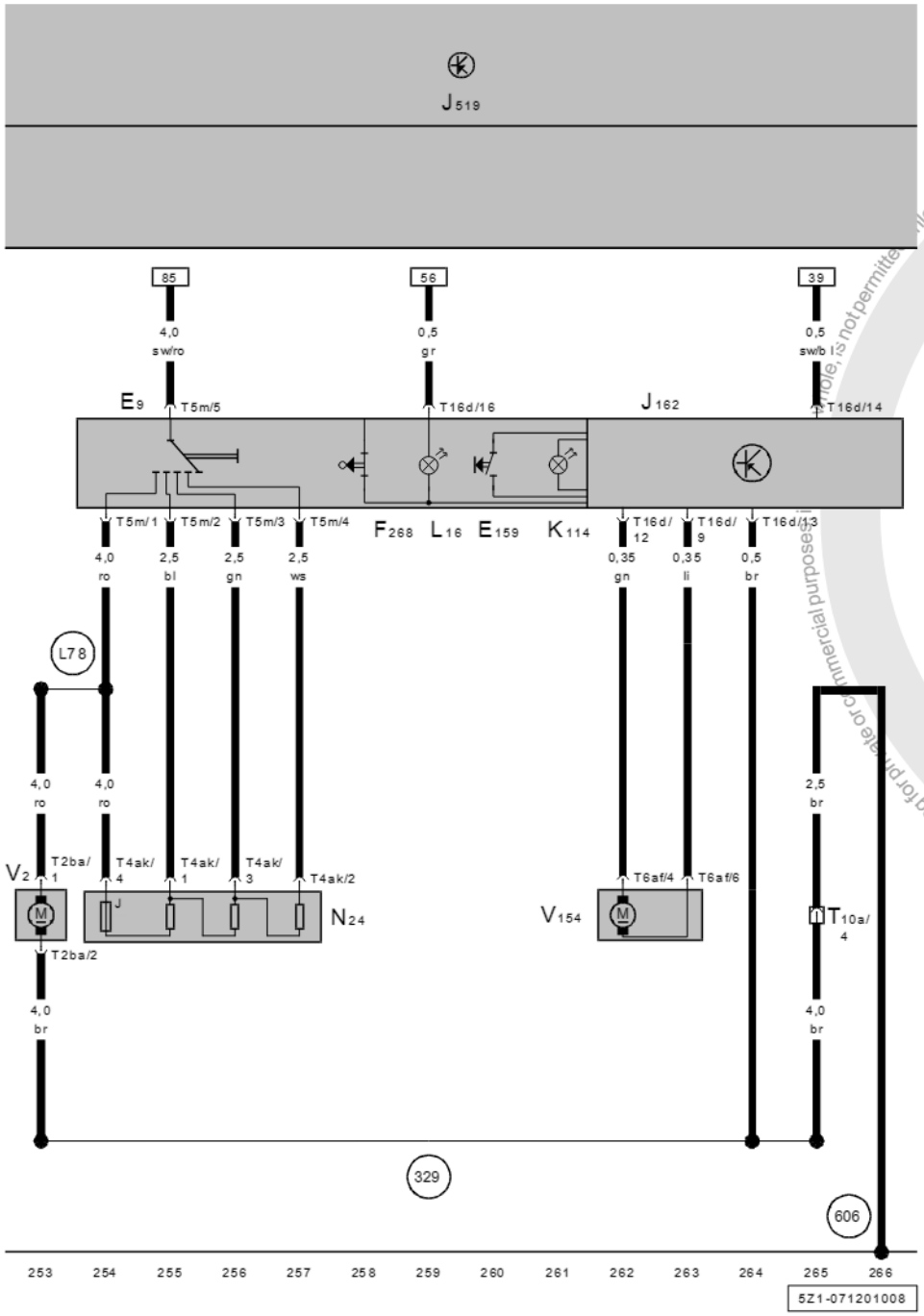


Driver door contact switch, front passenger door contact switch, horn and dual tone horn, onboard supply control unit, rear window wiper motor

F2	Driver door contact switch
F3	Front passenger door contact switch
H1	Horn or dual tone horn
J519	Onboard supply control unit
T1c	Single connector, on driver door contact switch
T1d	Single connector, on front passenger door contact switch
T2e	2-pin connector, on horn or dual tone horn
T4x	4-pin connector, on rear window wiper motor
T5a	5-pin connector, behind side trim on rear left, near wheel arch
T5n	5-pin connector, on onboard supply control unit
T11c	11-pin connector, in left engine compartment
T12d	12-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
T18b	18-pin connector, on onboard supply control unit
V12	Rear window wiper motor
11	Earth point, in battery box
B499	Connection 2 (53c), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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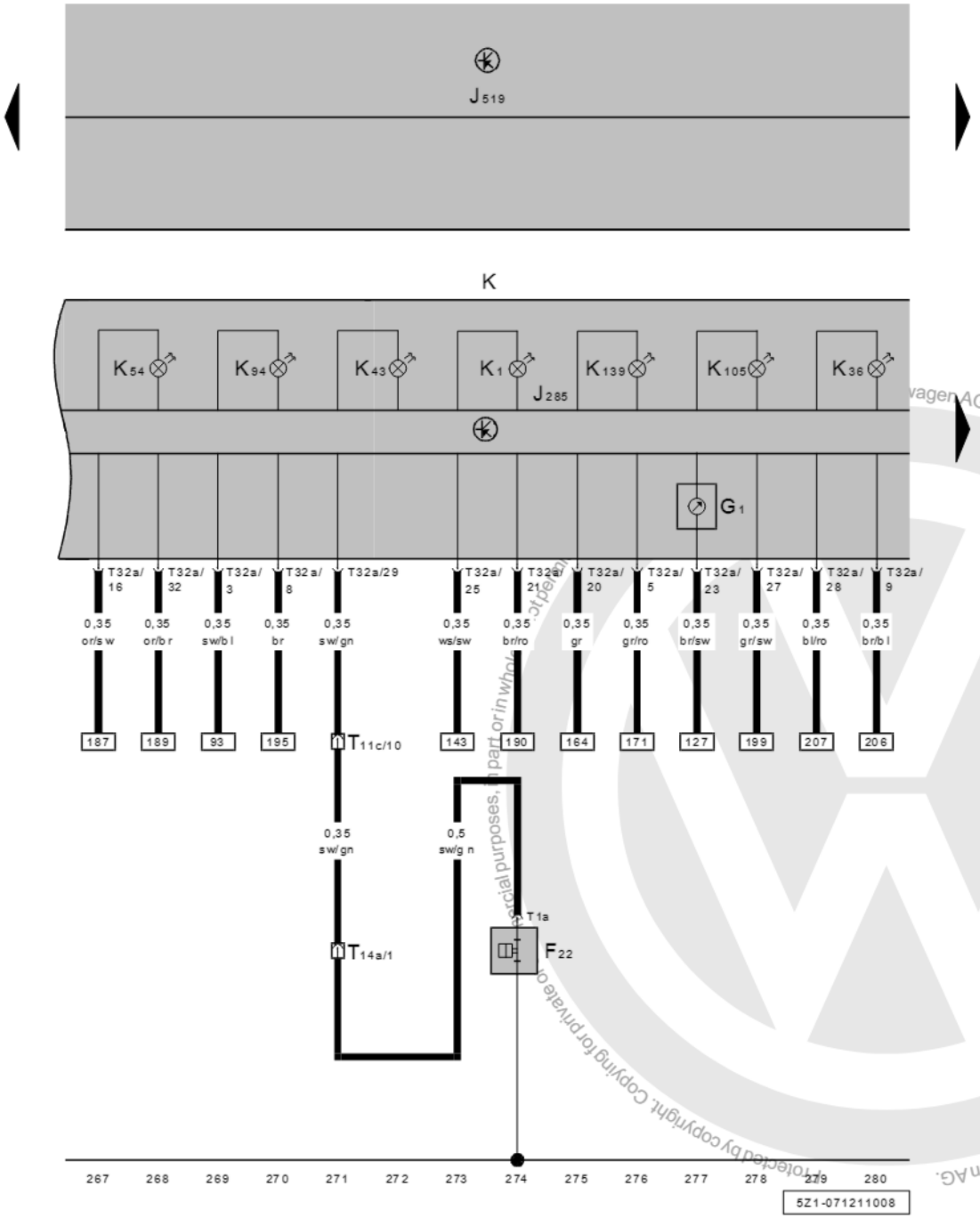


Fresh air blower switch, heater control unit, fresh air blower series resistor with overheating fuse, fresh air blower

E9	Fresh air blower switch
E159	Fresh air/air recirculation flap switch
F268	Auxiliary heating heater element contact switch
J162	Heater control unit
J519	Onboard supply control unit
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
T2ba	2-pin connector, on fresh air blower
T4ak	4-pin connector, on fresh air blower series resistor with overheating fuse
T5m	5-pin connector, on fresh air blower switch
T6af	6-pin connector, on fresh air and air recirculation flap control motor
T10a	10-pin connector, behind right dash panel
T16d	16-pin connector, on heater control unit
V2	Fresh air blower
V154	Fresh air/recirculated air flap control motor
329	Earth connection 1, in blower box wiring harness
606	Earth point, under the centre console near selector lever
L78	Connection, in fresh air blower wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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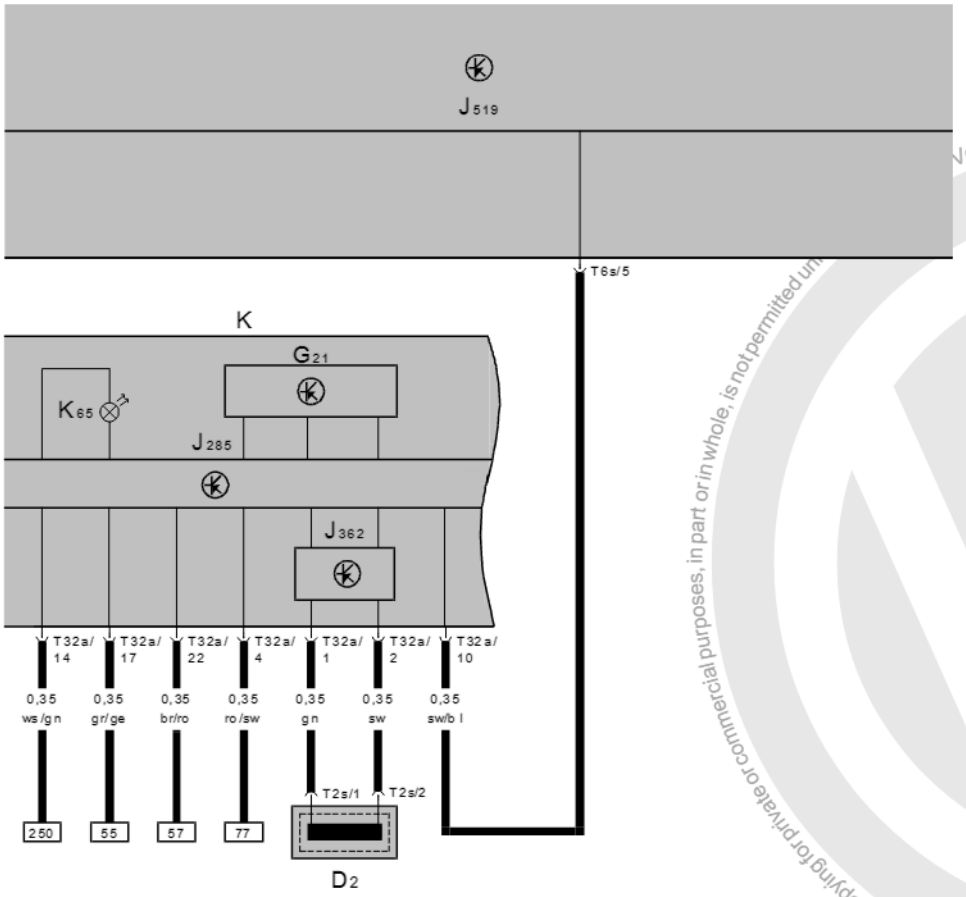


Oil pressure switch, fuel gauge, dash panel insert, right turn signal warning lamp, reserve fuel warning lamp

F22	Oil pressure switch
G1	Fuel gauge
J285	Control unit with display in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K1	Main beam warning lamp
K36	Coolant shortage warning lamp
K43	Coolant temperature warning lamp (too cold)
K54	Battery charge condition warning lamp: red LED for less than 12 Volt
K94	Right turn signal warning lamp
K105	Reserve fuel warning lamp
K139	Handbrake warning lamp
T1a	Single pin connector, on oil pressure switch
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Immobilizer reader coil, speedometer, control unit with display in dash panel insert, immobilizer control unit, dash panel insert

D2	Immobilizer reader coil
G21	Speedometer
J285	Control unit with display in dash panel insert
J362	Immobilizer control unit
J519	Onboard supply control unit
K	Dash panel insert
K65	Left turn signal warning lamp
T2s	2-pin connector, on immobilizer reader coil
T6s	6-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

281 282 283 284 285 286 287 288 289 290 291 292 293 294

5Z1-071221008

1.6 l - ME7.5.10 - 74 kW, engine code BAH

from April 2007

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

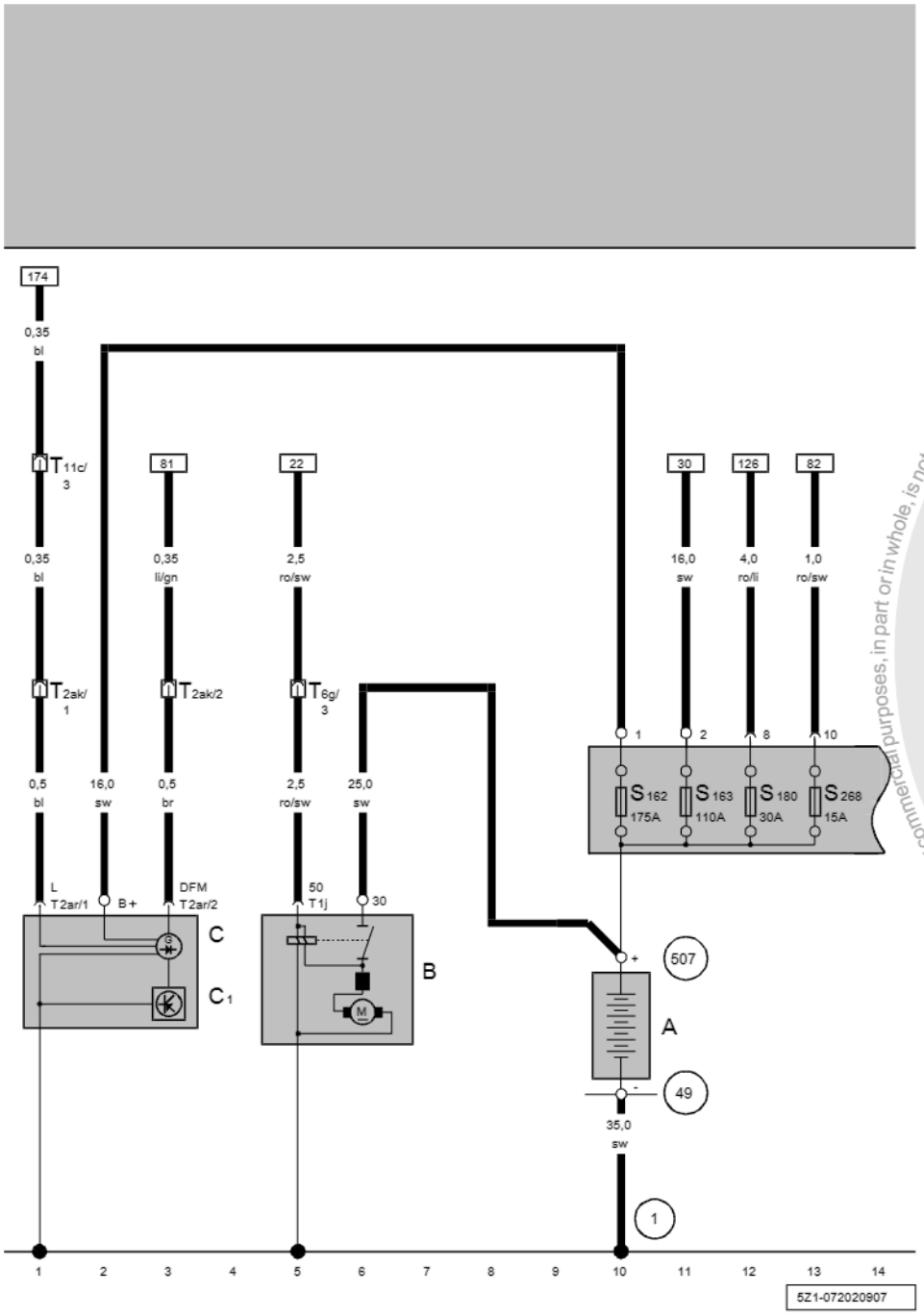
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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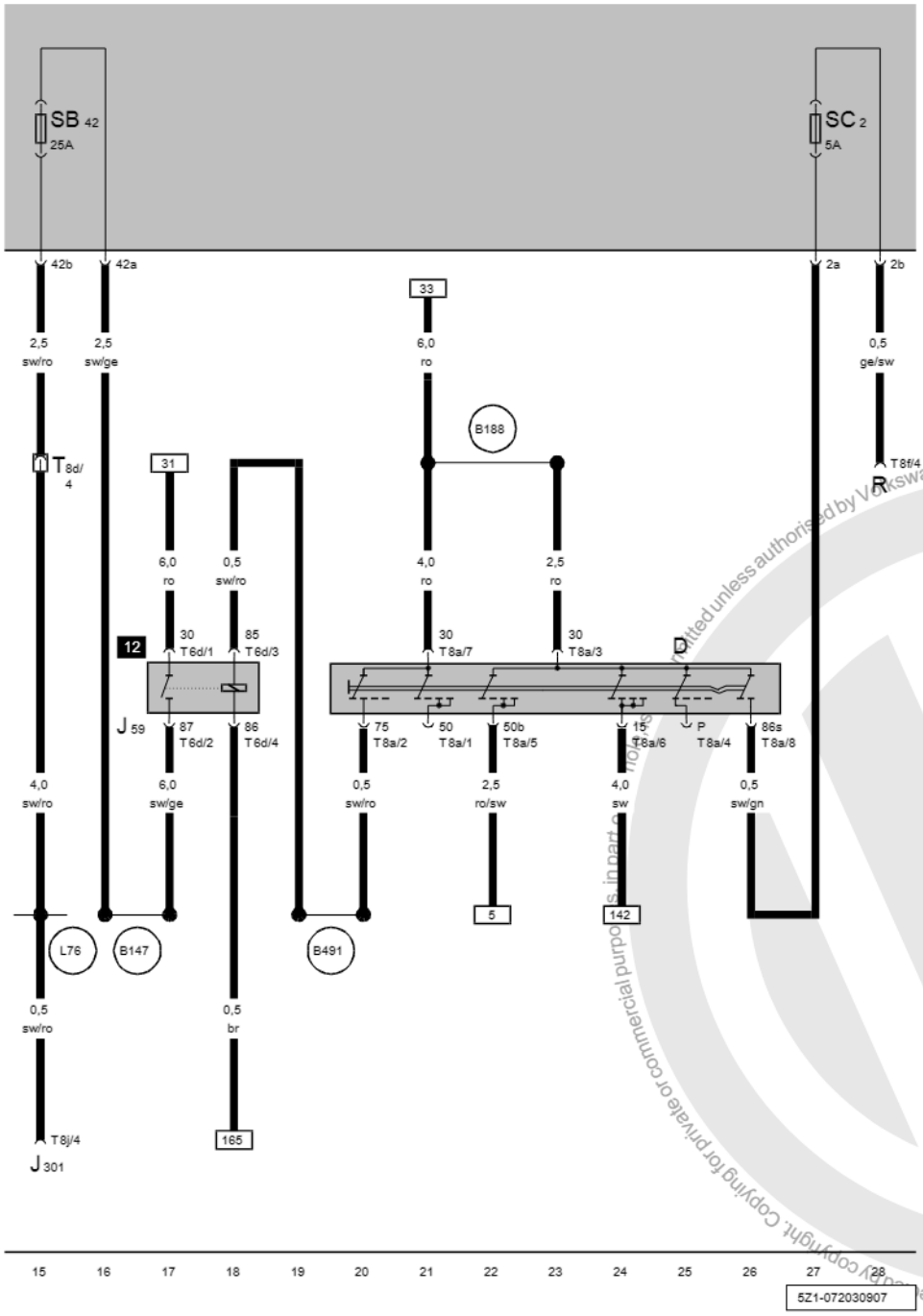


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
S268	Fuse 10 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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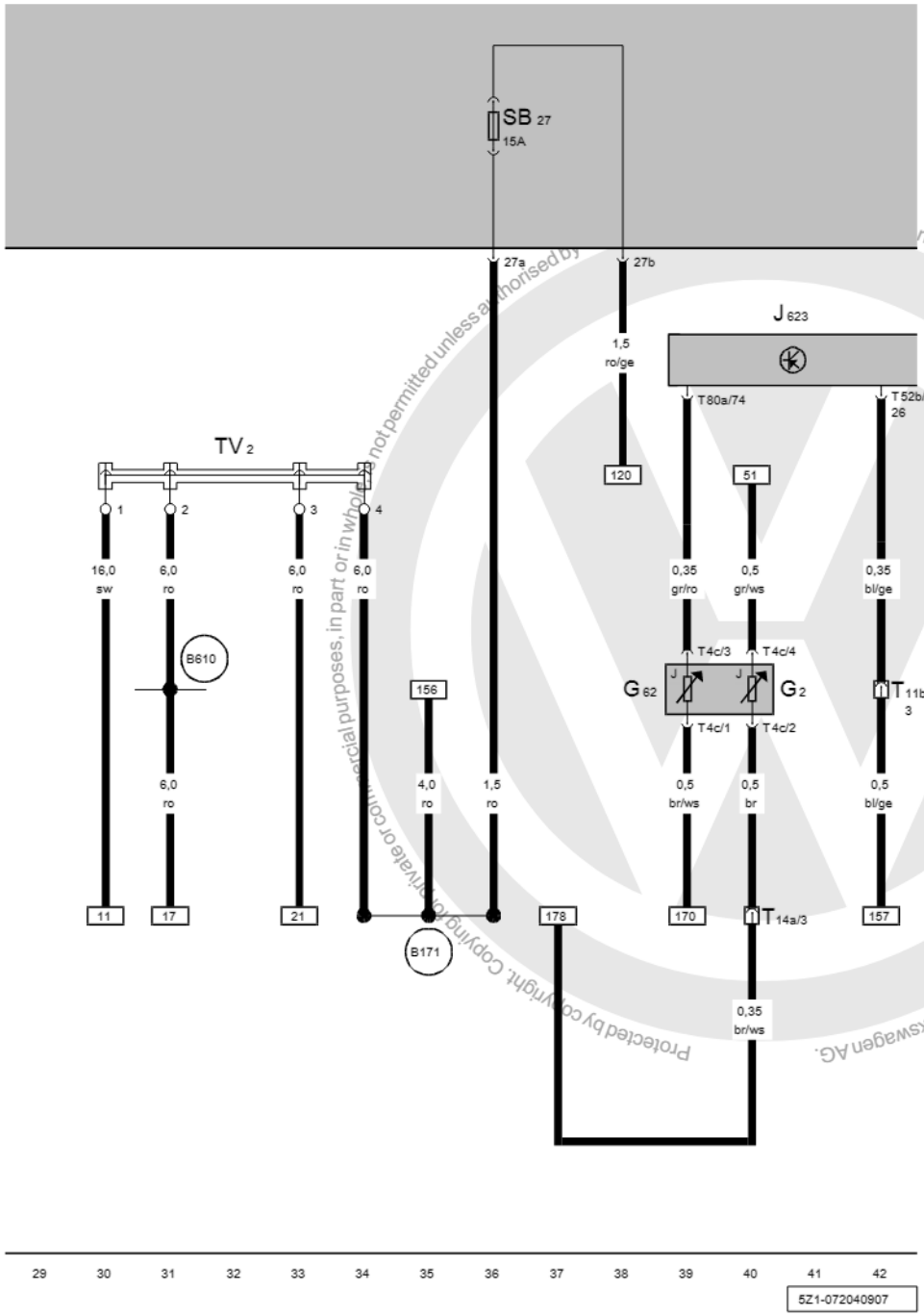


Ignition/starter switch, X-contact relief relay

D	Ignition/starter switch
J59	X-contact relief relay
J301	Air conditioning system control unit
R	Radio
SB42	Fuse 42 on fuse holder B
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-connector, on ignition/starter switch
T8d	8-pin connector, behind centre dash panel
T8f	8-connector, on radio
T8j	8-pin connector, on air conditioning system control unit
B188	Positive connection 5 (30), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
L76	Connection (87), in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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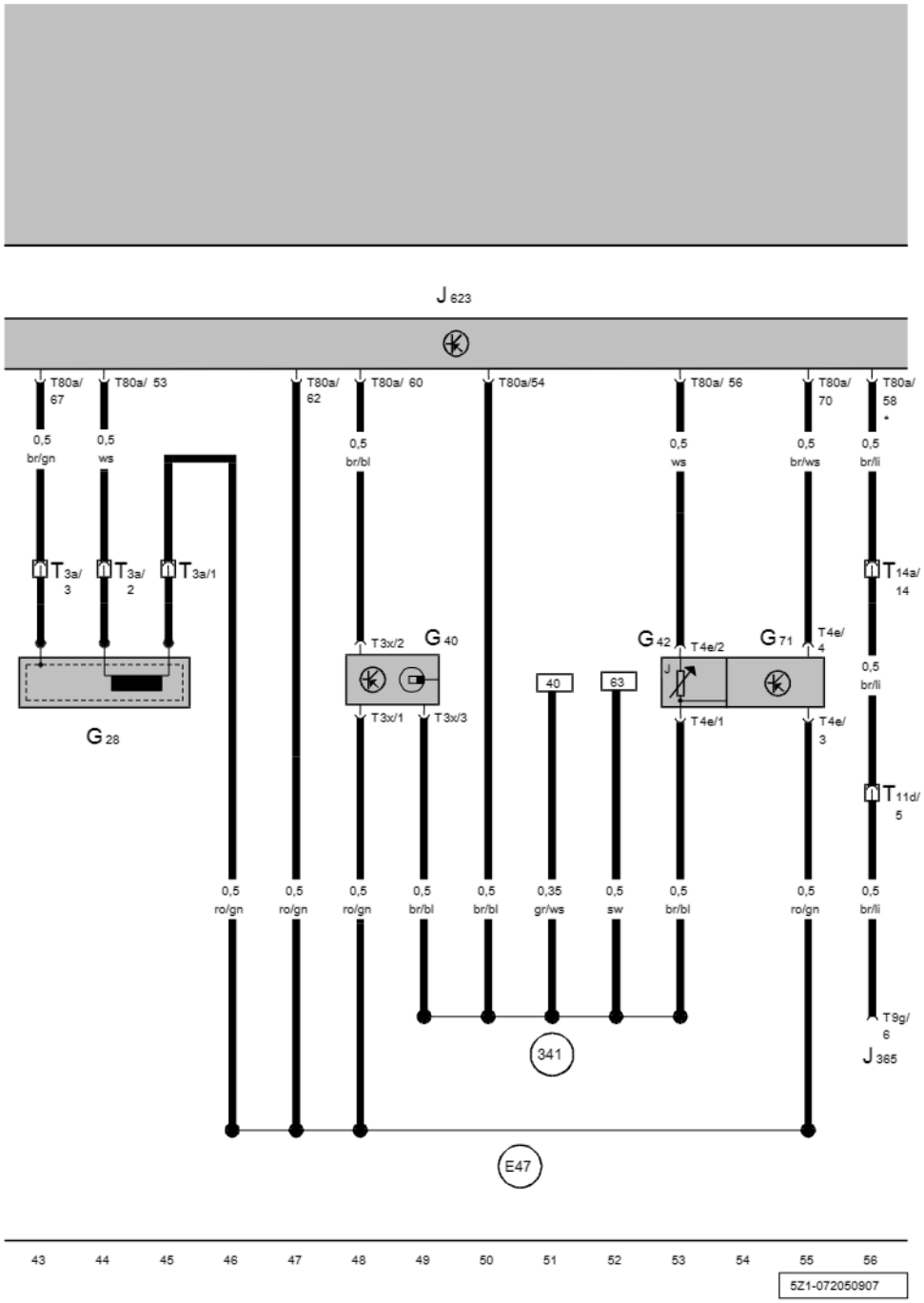


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Coolant temperature display sender, coolant temperature sender, engine control unit, terminal 30 wiring junction

G2	Coolant temperature display sender
G62	Coolant temperature display sender
J623	Engine control unit
SB27	Fuse 27 on fuse holder B
T4c	4-pin connector, on coolant temperature display sender
T11b	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T52b	52-pin connector, on engine control unit
T80a	80-pin connector, on engine control unit
TV2	Terminal 30 wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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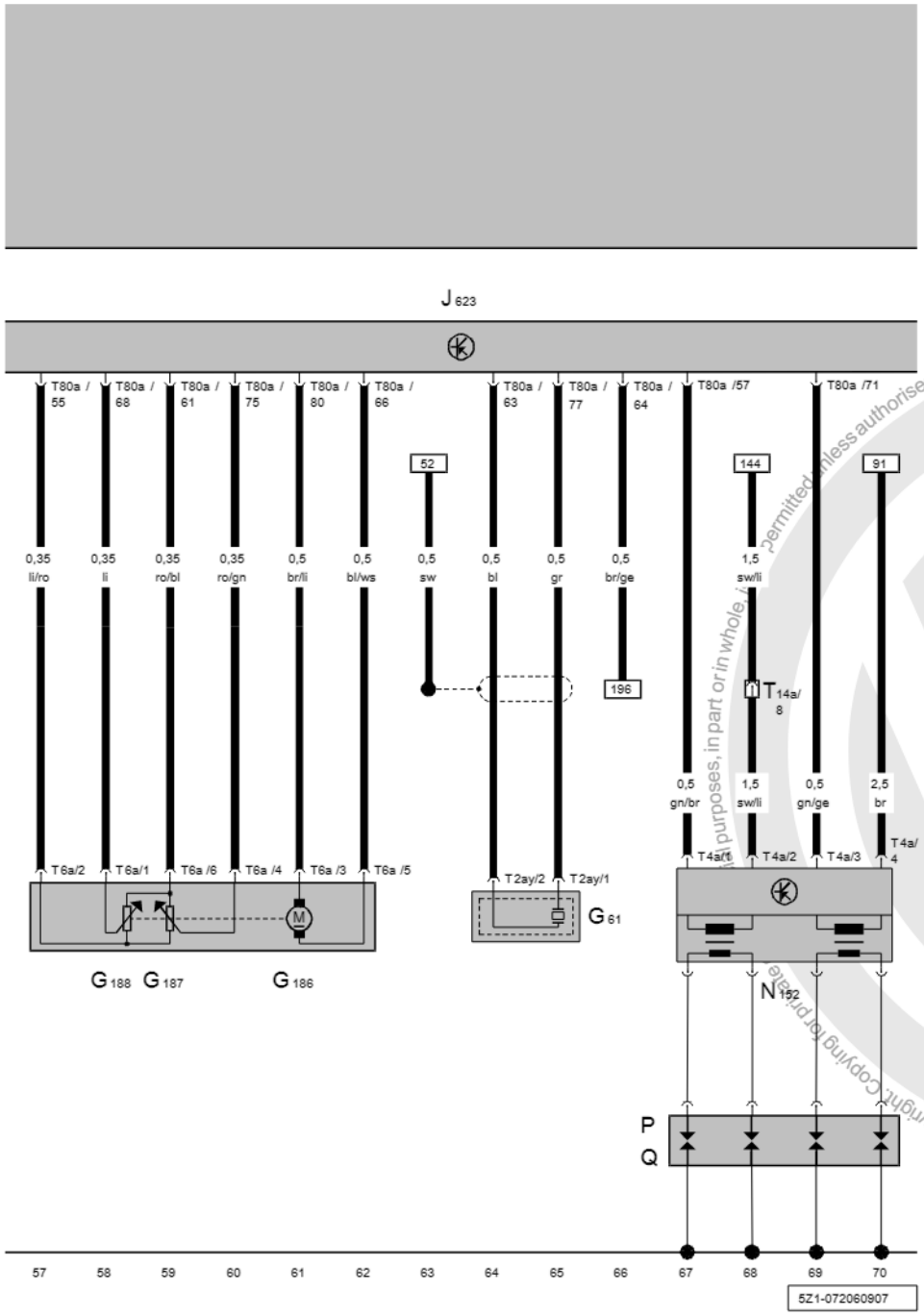


Engine speed sender, Hall sender, intake air temperature sender, intake manifold pressure sender, engine control unit

G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
J365	Air conditioning system switch-off relay
J623	Engine control unit
T3a	3-pin connector, in right engine compartment
T3x	3-pin connector, on Hall sender
T4e	4-pin connector, on intake air temperature sender
T9g	9-pin connector, on air conditioning system switch-off relay
T11d	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T80a	80-pin connector, on engine control unit
(341)	Earth connection 3, in injection system wiring harness
(E47)	Positive connection 2 (5 Volt), in injection system wiring harness
*	only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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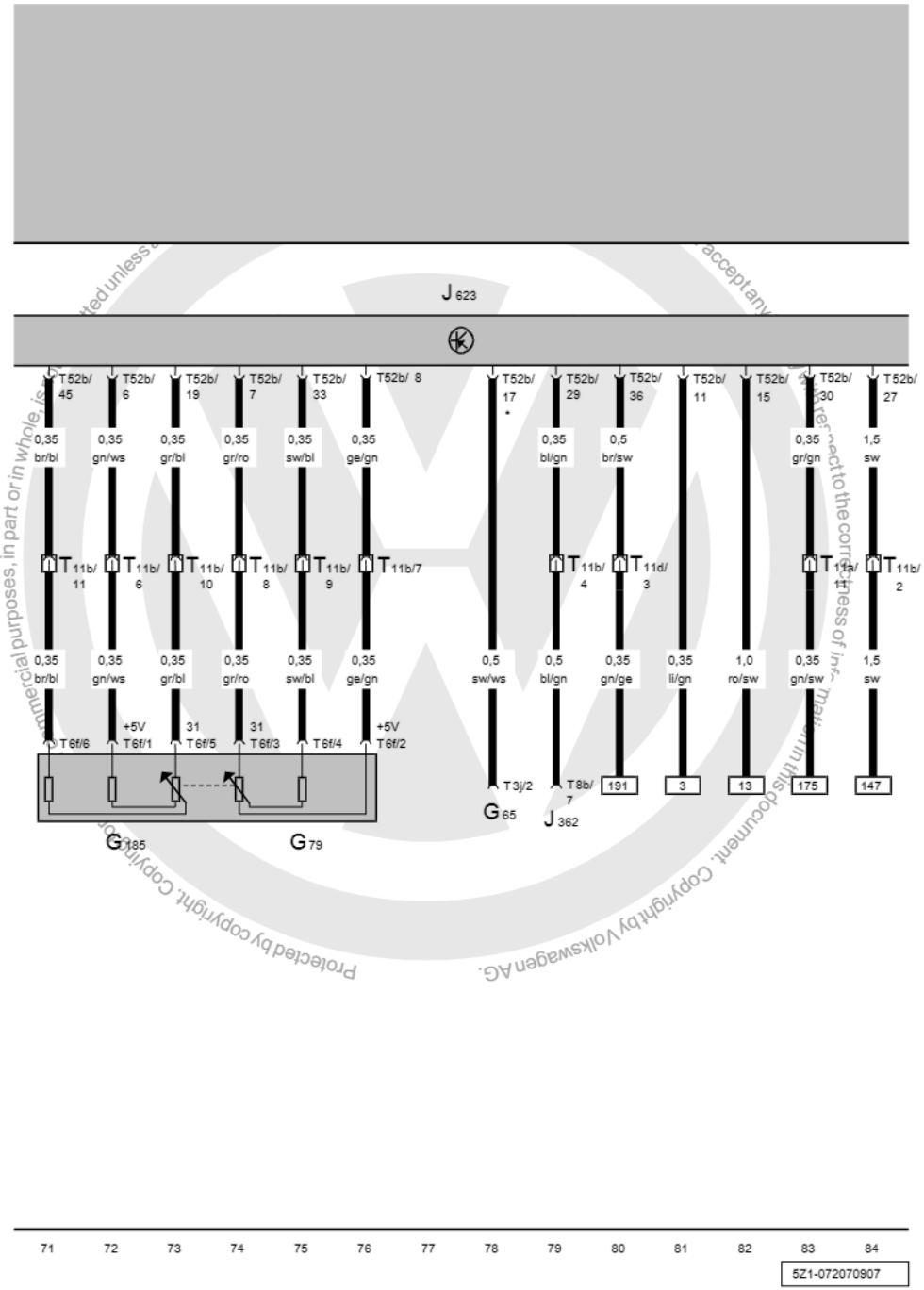


Knock sensor 1, throttle valve drive for electric throttle (EPC), throttle valve drive angle sender 1 for electric throttle (EPC), ignition transformer, spark plug connector, spark plugs

G61	Knock sensor 1
G186	Throttle valve drive for electric throttle (EPC)
G187	Throttle valve drive angle sender 1 for electric throttle (EPC)
G188	Throttle valve drive angle sender 2 for electric throttle (EPC)
J623	Engine control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plugs
T2ay	2-pin connector, on knock sensor 1
T4a	4-pin connector, on ignition transformer
T6a	6-pin connector, on throttle valve drive for electric throttle (EPC)
T14a	14-pin connector, in left engine compartment
T80a	80-pin connector, on engine control unit

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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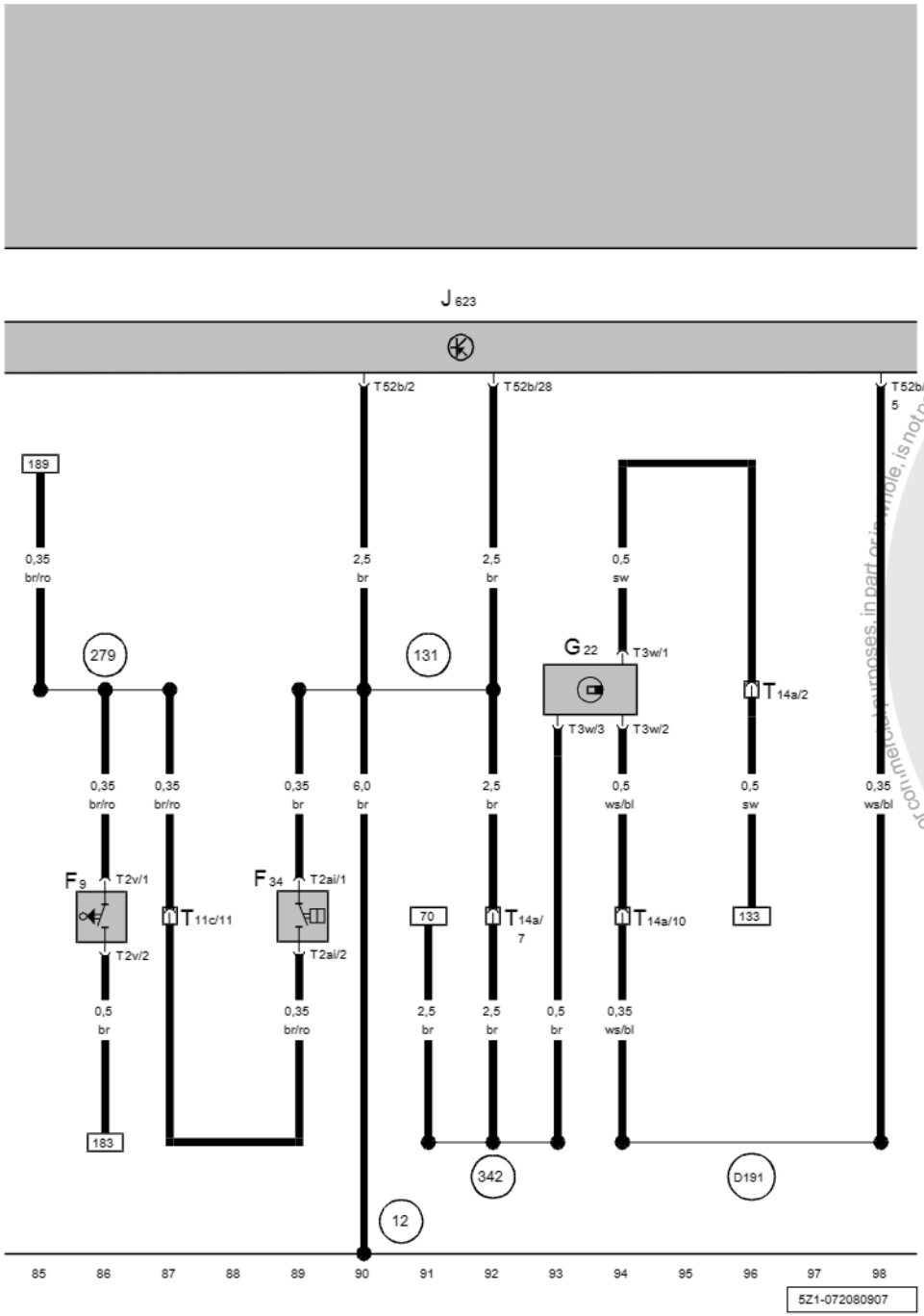


Accelerator position sender, accelerator position sender 2, engine control unit

G65	High pressure sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J362	Immobilizer control unit
J623	Engine control unit
T3j	3-pin connector, on high pressure sender
T6f	6-pin connector, on accelerator position sender
T8b	8-pin connector, on immobilizer control unit
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T11d	11-pin connector, in left engine compartment
T52b	52-pin connector, on engine control unit
*	only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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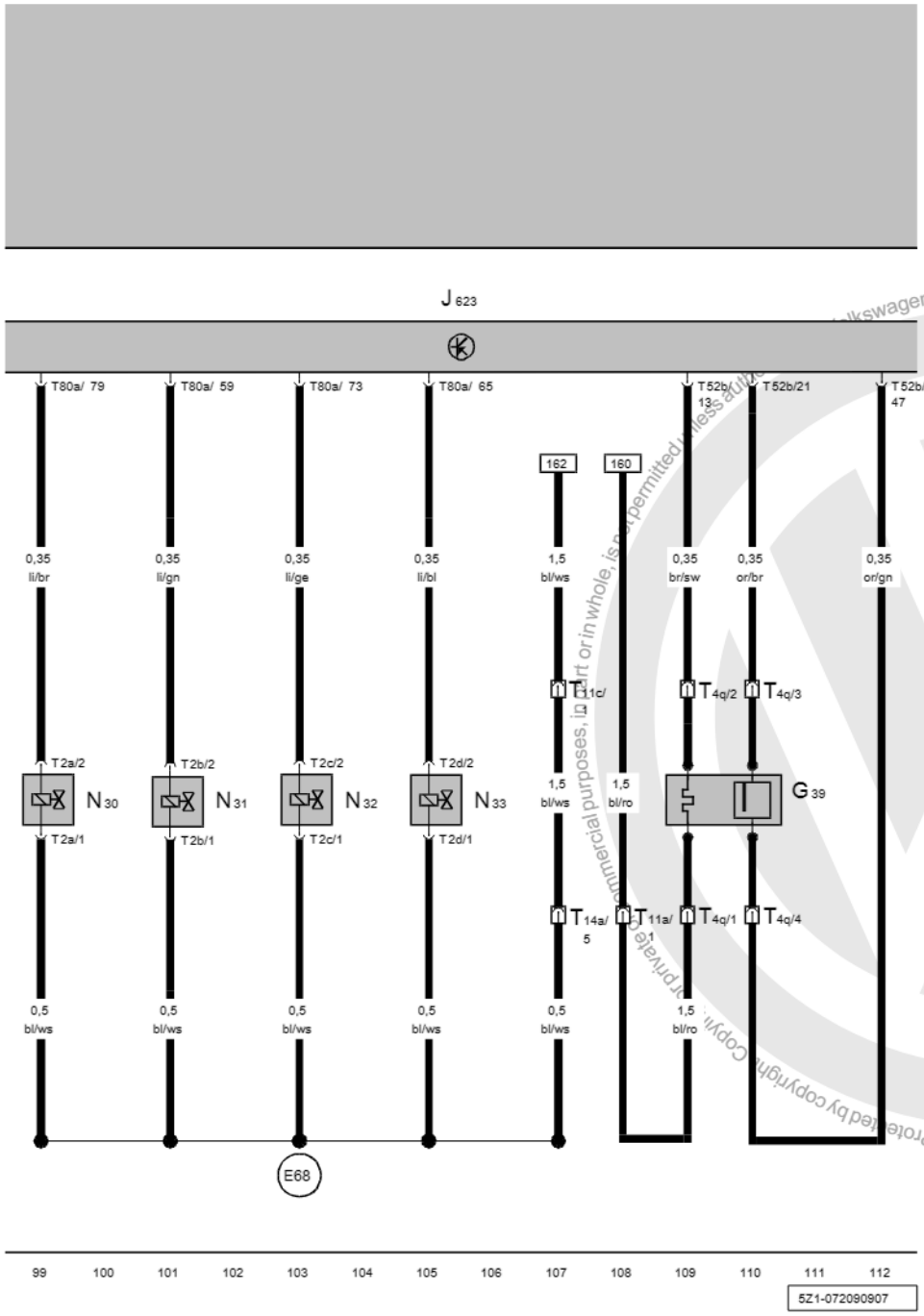


Handbrake warning switch, brake fluid level warning contact, speedometer sender, engine control unit

F9	Handbrake warning switch
F34	Brake fluid level warning contact
G22	Speedometer sender
J623	Engine control unit
T2ai	2-pin connector, on brake fluid level warning contact
T2v	2-pin connector, on handbrake warning switch
T3w	3-pin connector, on speedometer sender
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T52b	52-pin connector, on engine control unit
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
279	Earth connection 5, in interior wiring harness
342	Earth connection 4, in injection system wiring harness
D191	Connection (speedometer sender), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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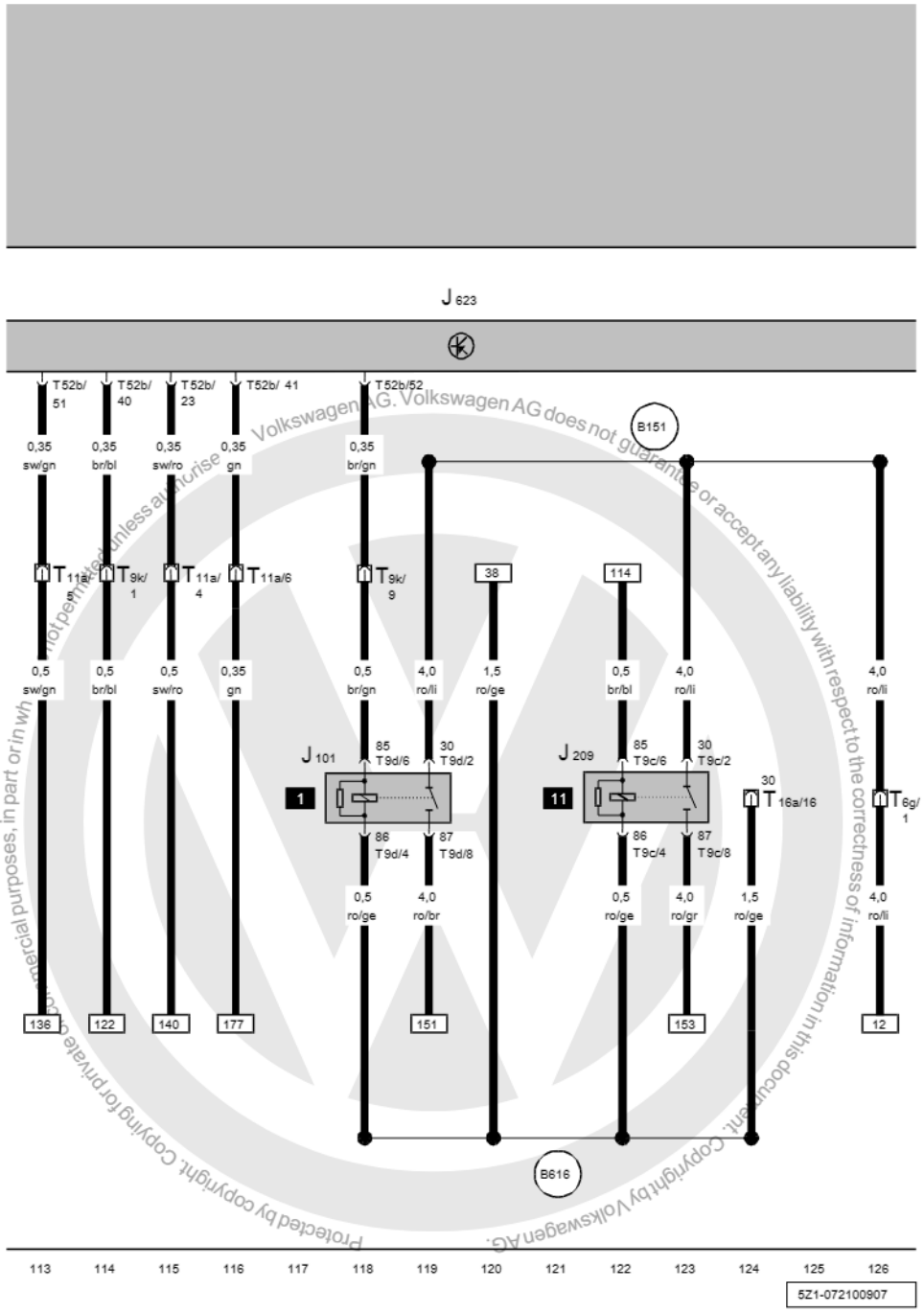


Lambda probe, engine control unit, injector, cylinder 1, injector, cylinder 2, injector, cylinder 3, injector, cylinder 4

G39	Lambda probe
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2a	2-pin connector, on injector, cylinder 1
T2b	2-pin connector, on injector, cylinder 2
T2c	2-pin connector, on injector, cylinder 3
T2d	2-pin connector, on injector, cylinder 4
T4q	4-pin connector, on lambda probe
T11a	11-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T52b	52-pin connector, on engine control unit
T80a	80-pin connector, on engine control unit
E68	Connection 2 (87a), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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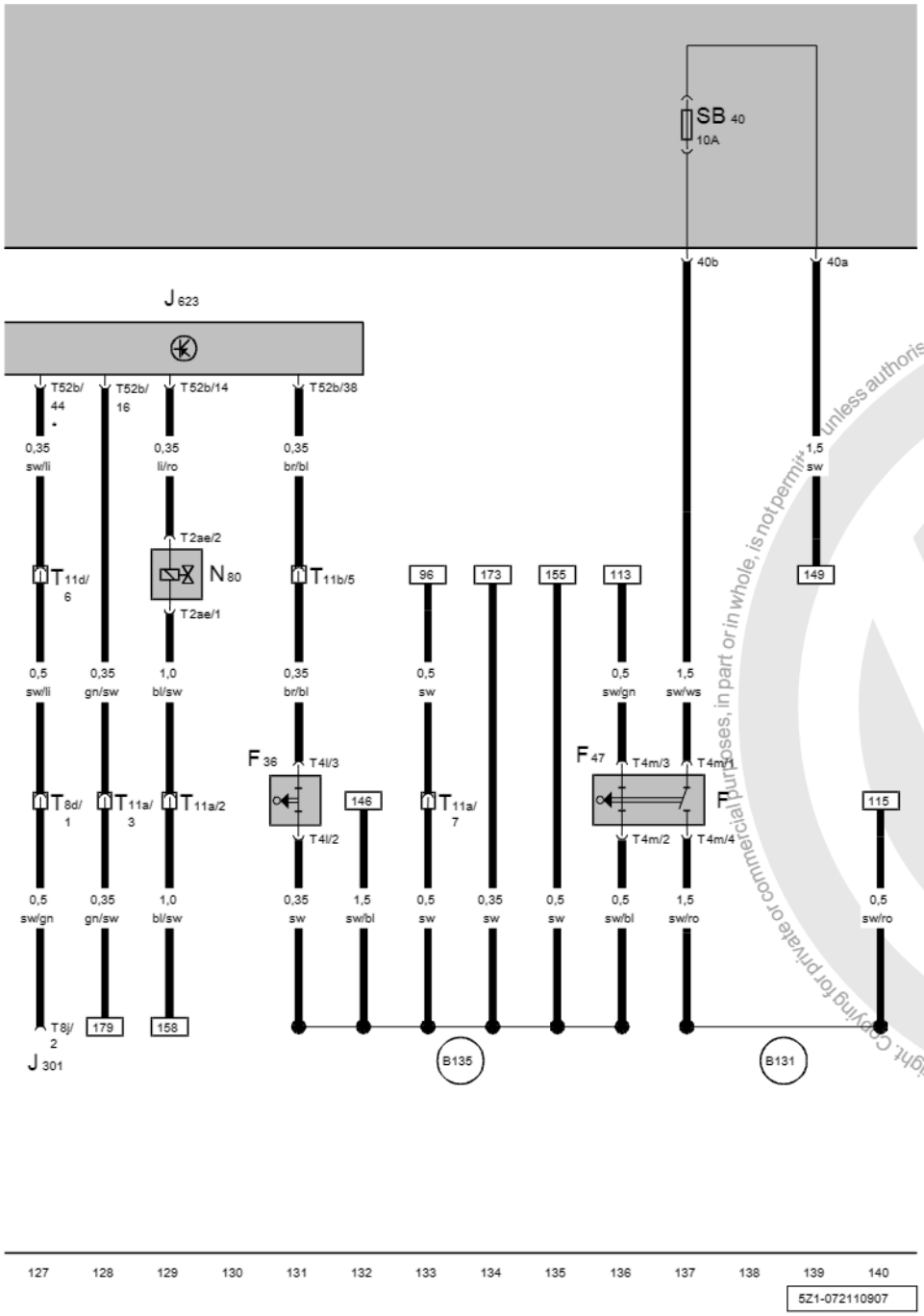


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Radiator fan 2nd speed relay, fresh air blower and radiator fan relay, engine control unit

J101	Radiator fan 2nd speed relay
J209	Fresh air blower and radiator fan relay
J623	Engine control unit
T6g	6-pin connector, in left engine compartment
T9c	9-pin connector, on fresh air blower and radiator fan relay
T9d	9-pin connector, on radiator fan 2nd speed relay
T9k	9-pin connector, in left engine compartment
T11a	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T52b	52-pin connector, on engine control unit
B151	Positive connection 3 (30a), in interior wiring harness
B616	Positive connection 12 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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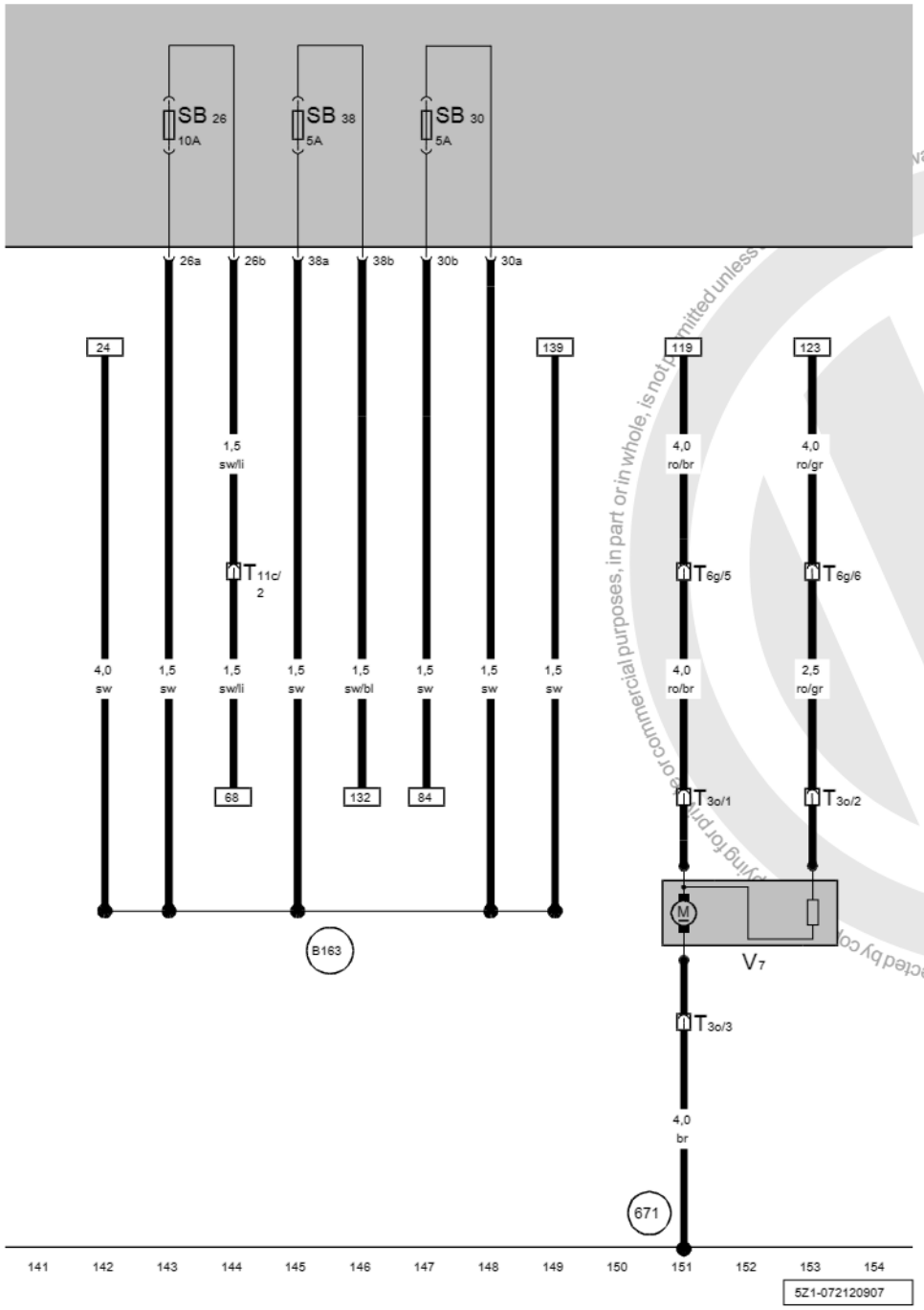


Brake light switch, clutch pedal switch, brake pedal switch, engine control unit, activated charcoal filter system solenoid valve 1

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J301	Air conditioning system control unit
J623	Engine control unit
N80	Activated charcoal filter system solenoid valve 1
SB40	Fuse 40 on fuse holder B
T2ae	2-pin connector, on active charcoal filter system solenoid valve 1
T4l	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake pedal switch
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T11d	11-pin connector, in left engine compartment
T52b	52-pin connector, on engine control unit
B131	Connection (54), in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
*	only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
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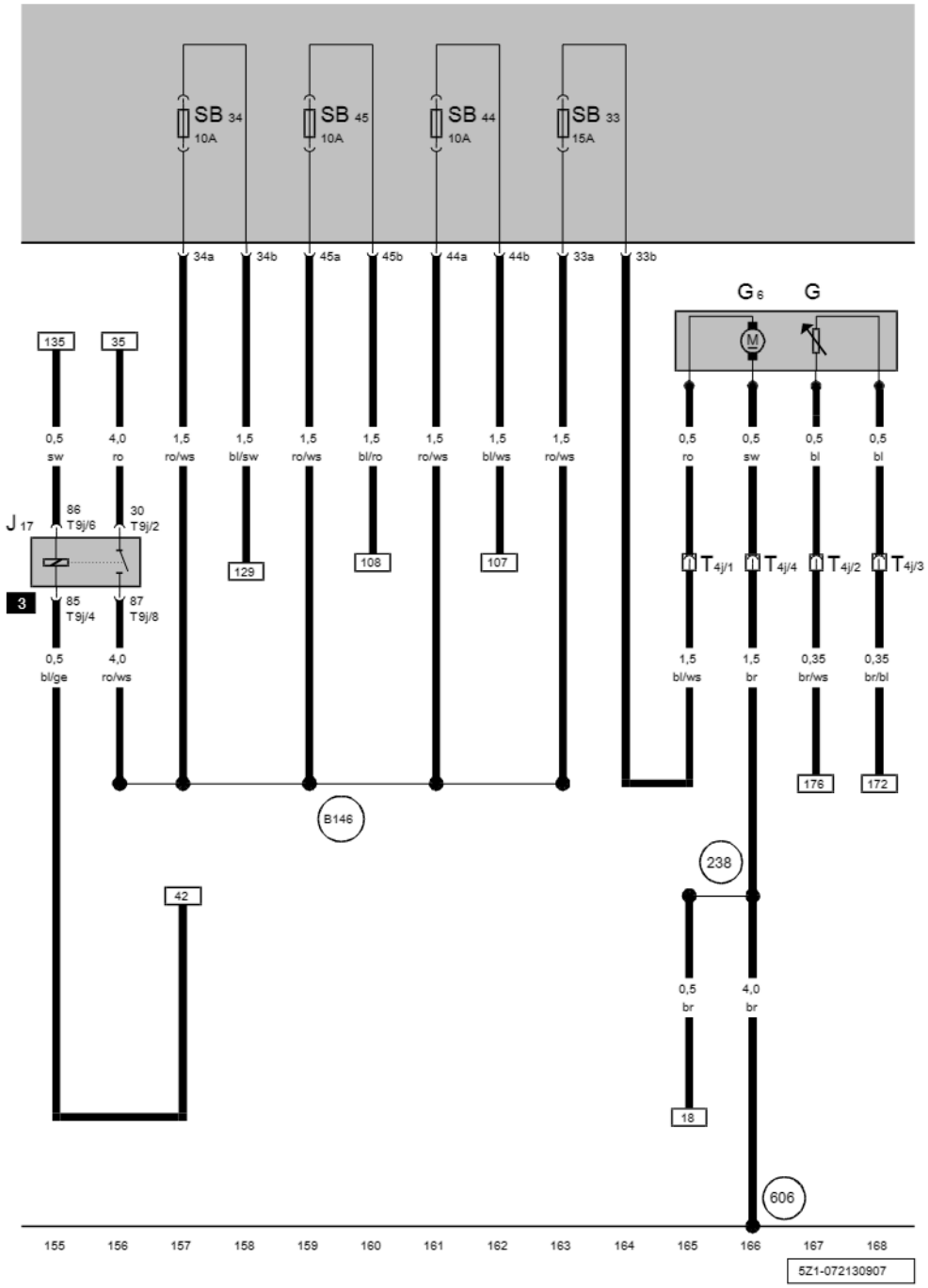


Radiator fan

SB26	Fuse 26 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB38	Fuse 38 on fuse holder B
T3o	3-pin connector, on radiator fan
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
V7	Radiator fan
671	Earth point 1, on front of left longitudinal member
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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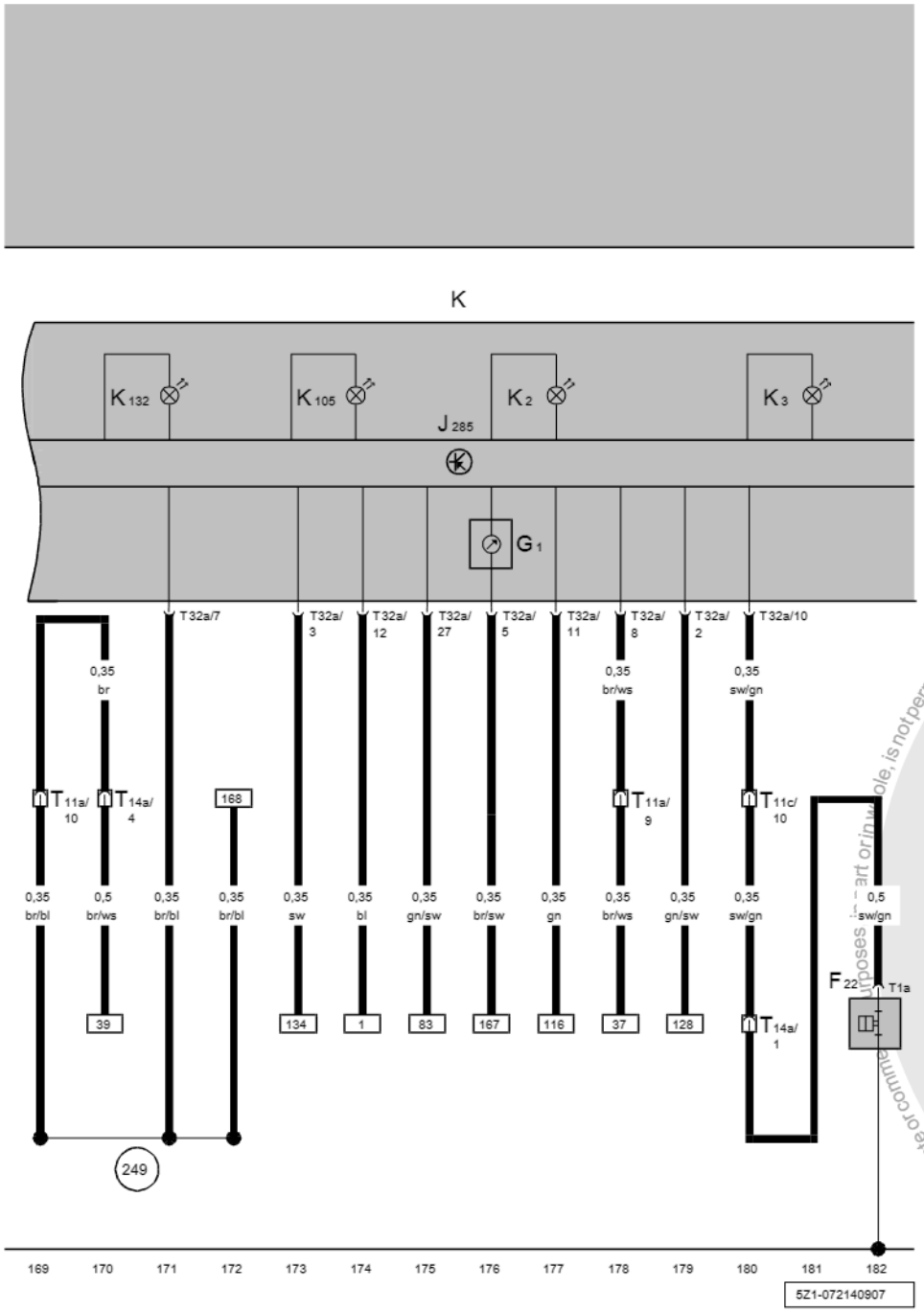


Fuel gauge sender, fuel system pressurisation pump, fuel pump relay

G	Fuel gauge sender
G6	Fuel system pressurisation pump
J17	Fuel pump relay
SB33	Fuse 33 on fuse holder B
SB34	Fuse 34 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
T4j	4-pin connector, on fuel system pressurisation pump
T9j	9-pin connector, on fuel pump relay
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B146	Positive connection 1 (87), in interior wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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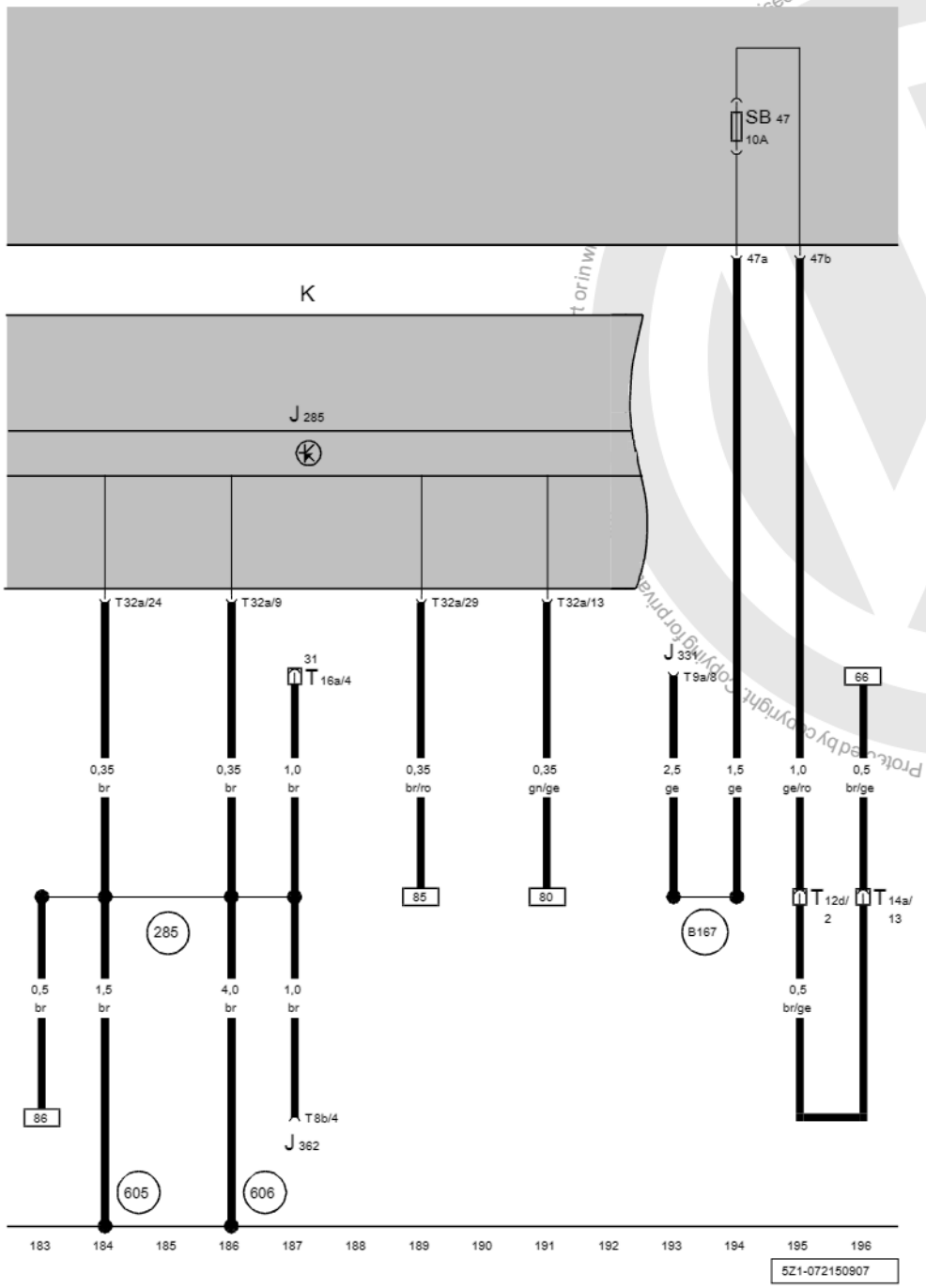


Oil pressure switch, control unit in dash panel insert, dash panel insert, alternator warning lamp, oil pressure warning lamp

F22	Oil pressure switch
G1	Fuel gauge
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K105	Reserve fuel warning lamp
K132	Electric power control fault lamp
T1a	Single pin connector, on oil pressure switch
T11a	11-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert
249	Earth connection 2, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit in dash panel insert, dash panel insert

J285	Control unit in dash panel insert
J331	Dipped beam relay
J362	Immobilizer control unit
K	Dash panel insert
SB47	Fuse 47 on fuse holder B
T8b	8-pin connector, on immobilizer control unit
T9a	9-pin connector, on dipped beam relay
T12d	12-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T32a	32-pin connector, on dash panel insert
285	Earth connection 7, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near selector lever
B167	Connection (56b), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fog light switch

from July 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

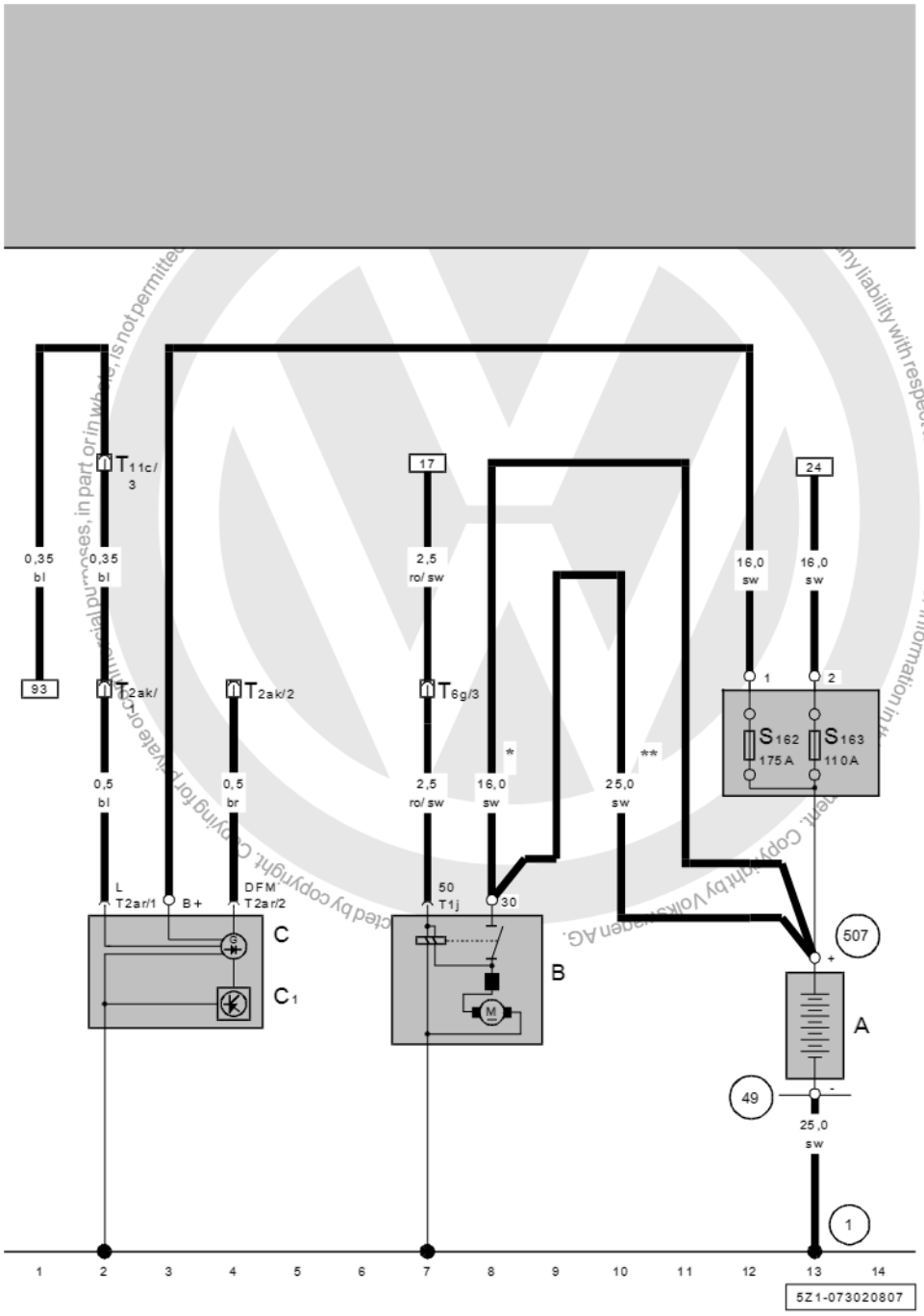
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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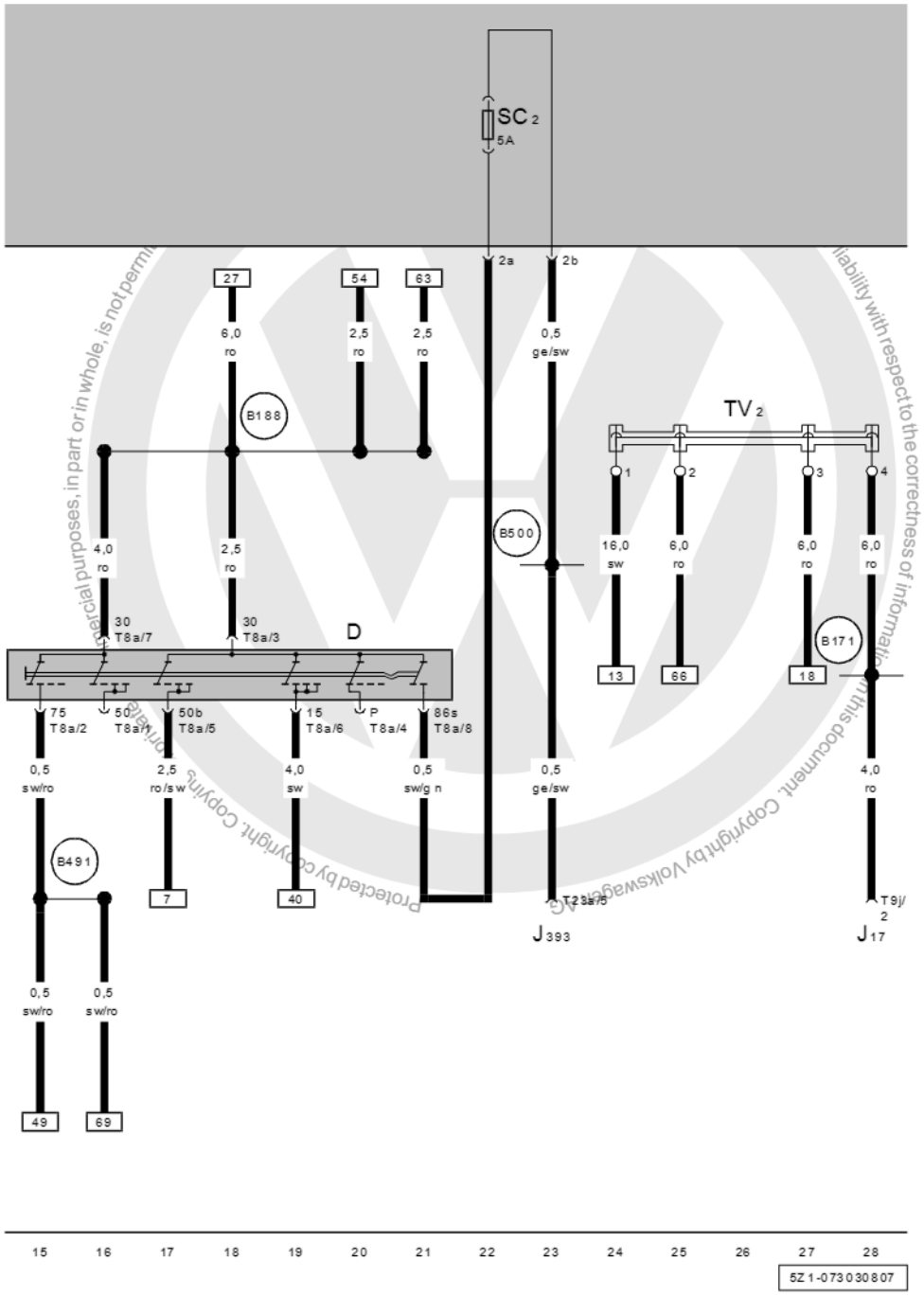


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, near starter
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery
*	for 1.0 l and 1.6 l engine only
**	for 1.6 l engine without air conditioning system only

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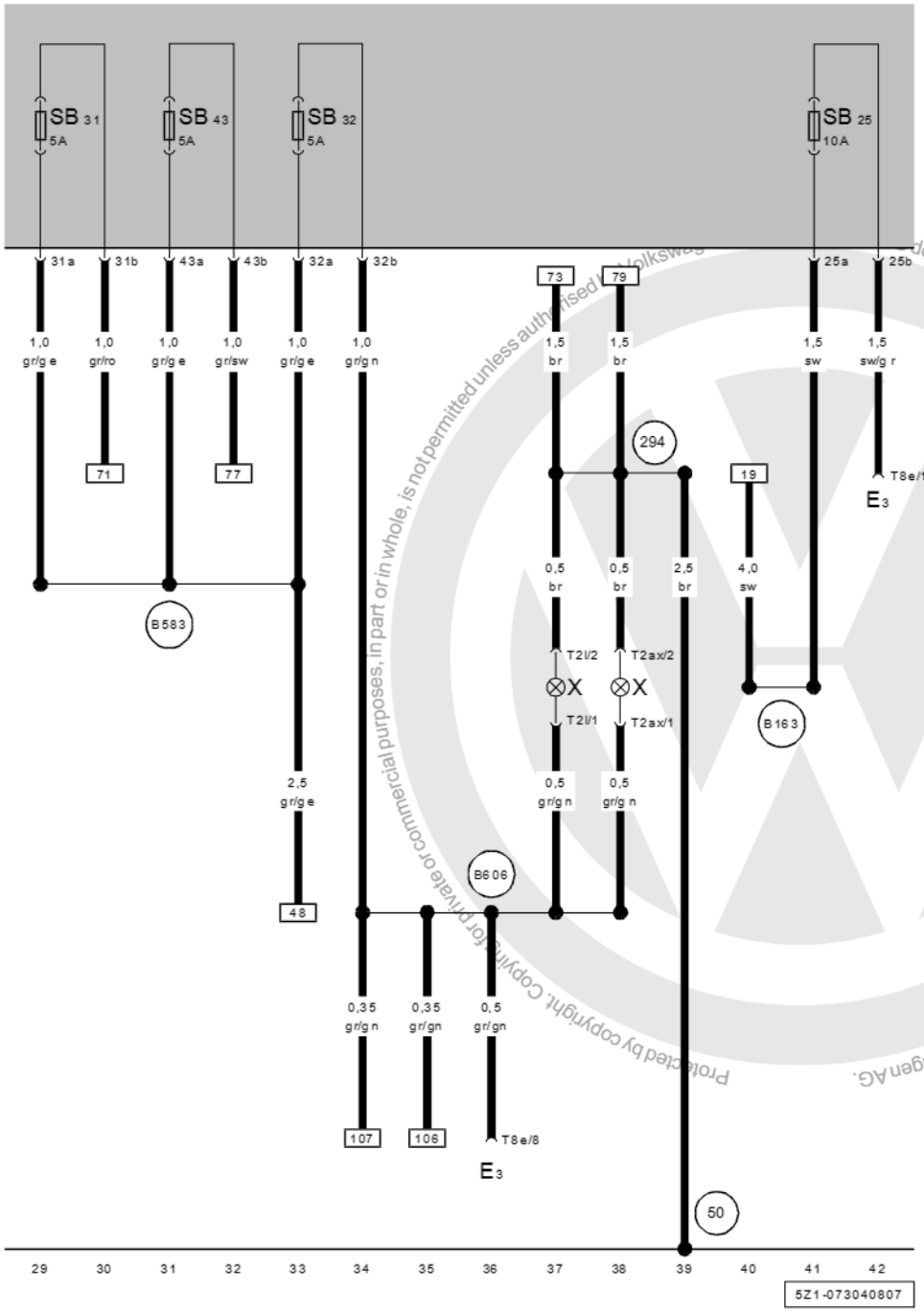


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T9j	9-pin connector, on fuel pump relay
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

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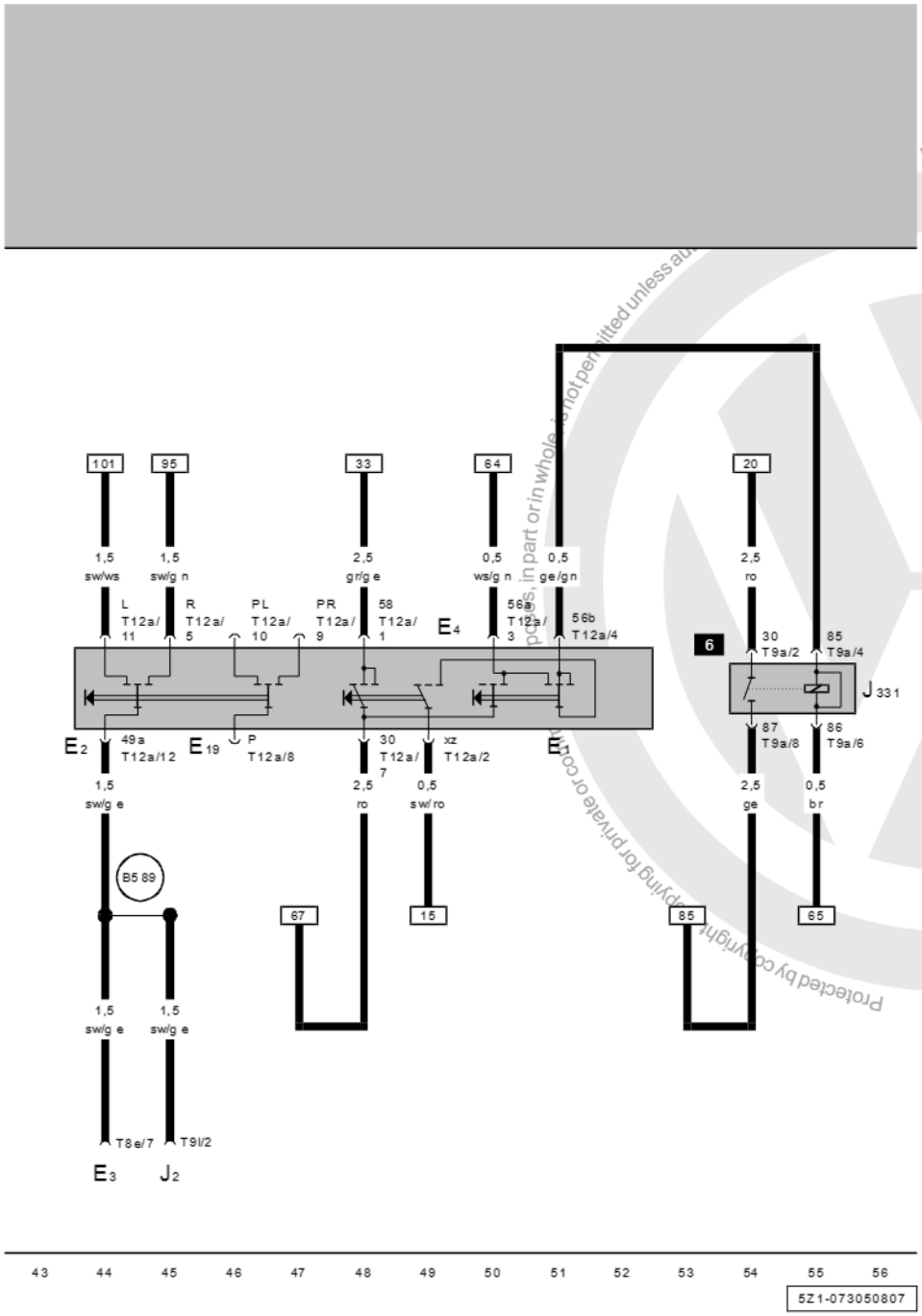


Number plate light

E3	Hazard warning light switch
SB25	Fuse 25 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB43	Fuse 43 on fuse holder B
T2ax	2-pin connector, on number plate light
T2l	2-pin connector, on number plate light
T8e	8-connector, on hazard warning light switch
X	Number plate light
50	Earth points, on left in luggage compartment
294	Earth connection 9, in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B606	Connection 2, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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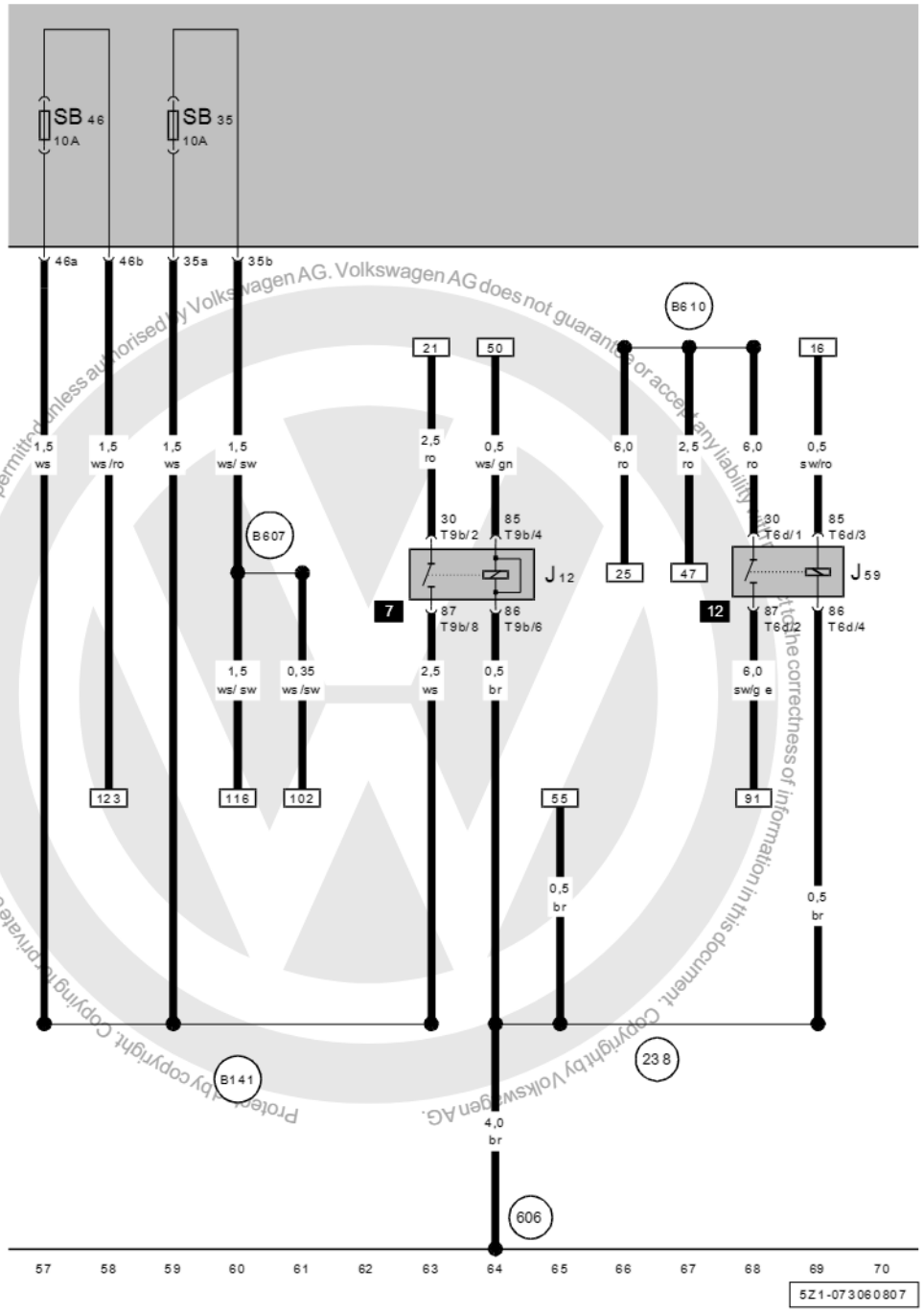


Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, dipped beam relay

E1	Light switch
E2	Turn signal switch
E3	Hazard warning light switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J2	Hazard warning light relay
J331	Dipped beam relay
T8e	8-connector, on hazard warning light switch
T9a	9-pin connector, on dipped beam relay
T9l	9-pin connector, on hazard warning light relay
T12a	12-pin connector, on light switch
B589	Connection (49a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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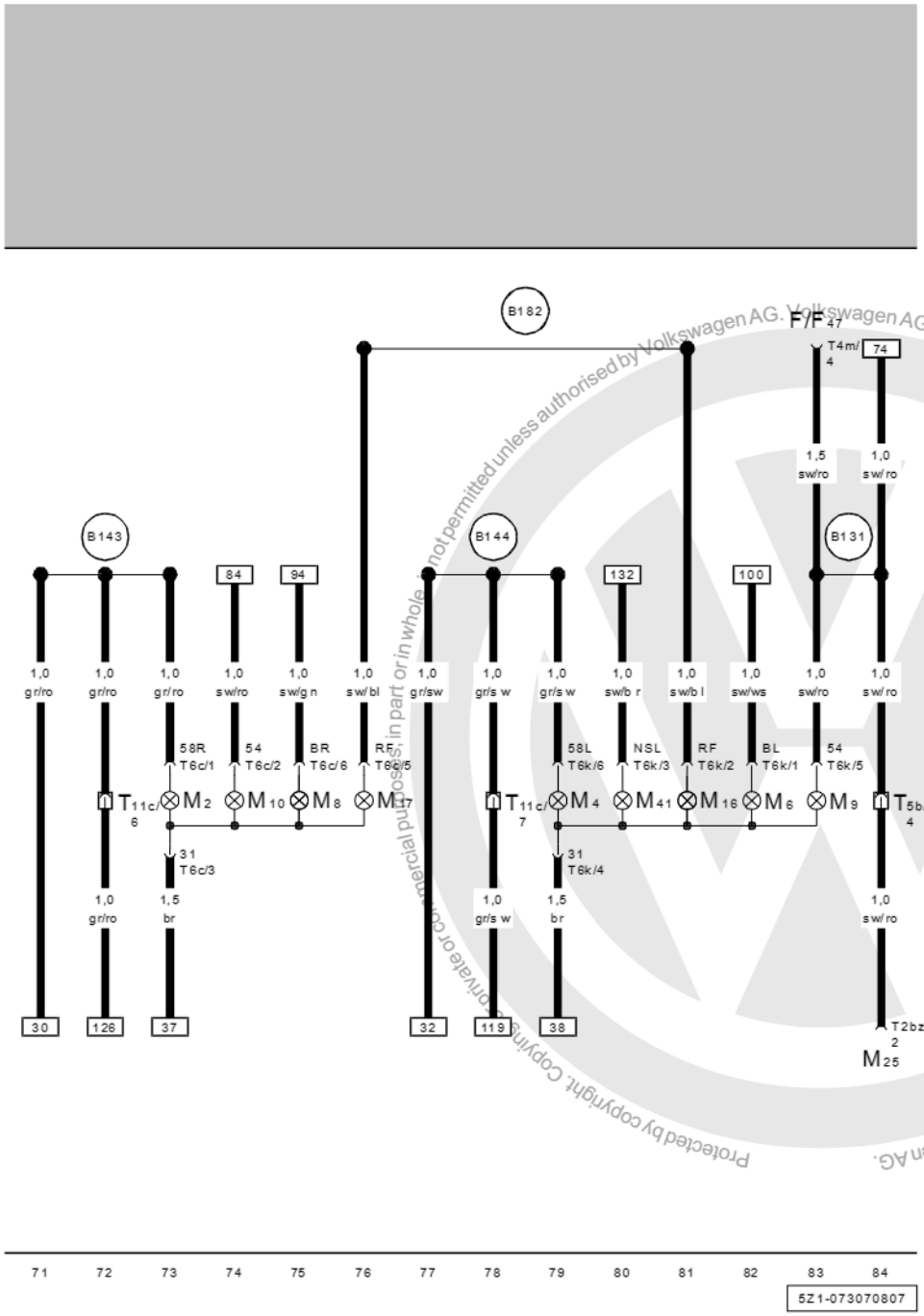


Headlight main beam relay, X-contact relief relay

J12	Headlight main beam relay
J59	X-contact relief relay
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T6d	6-pin connector, on X-contact relief relay
T9b	9-pin connector, on headlight main beam relay
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B141	Positive connection 1 (56a), in interior wiring harness
B607	Connection 3, in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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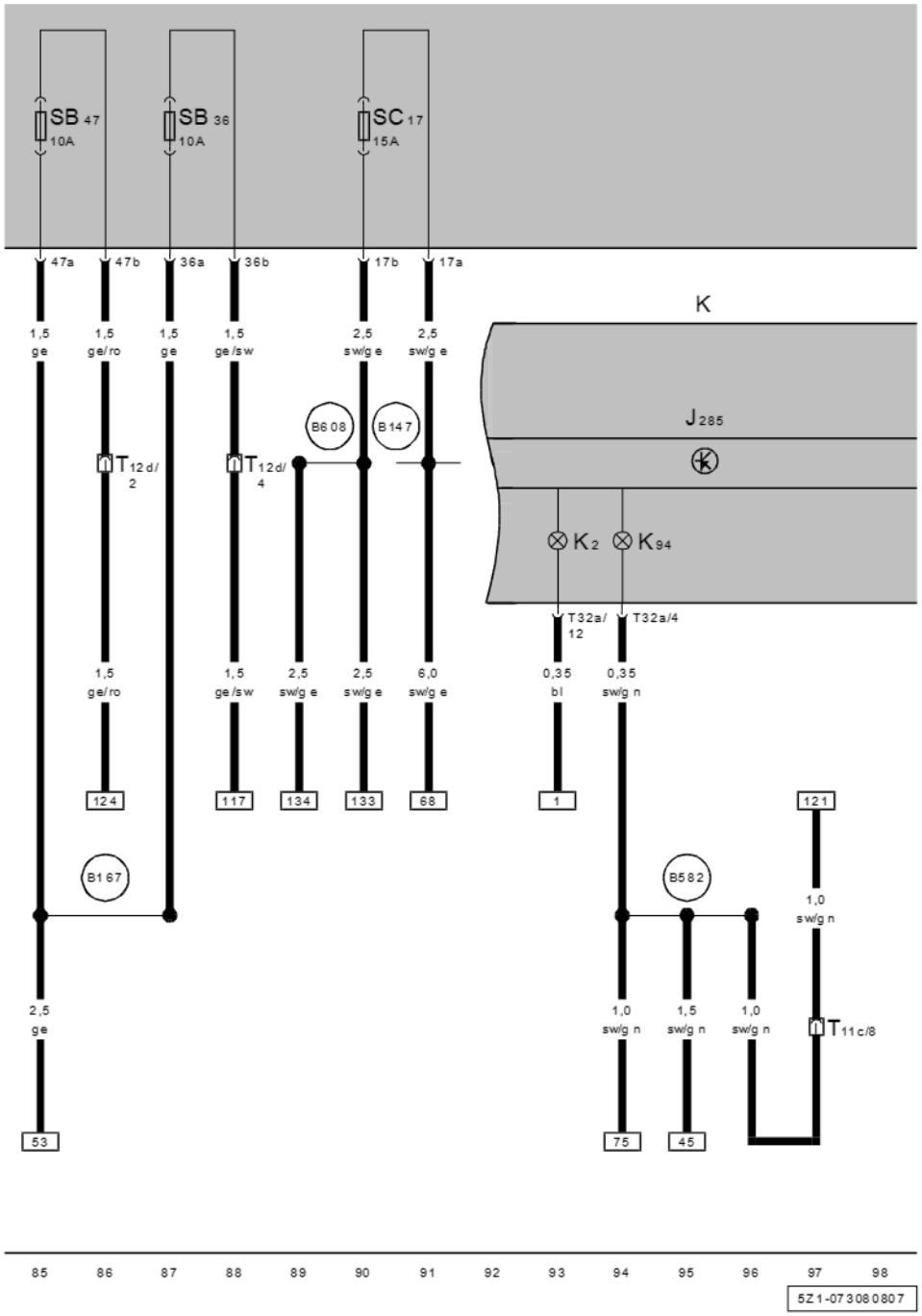


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Right tail light bulb, left tail light bulb, left brake light bulb, right brake light bulb, left reversing light bulb, right reversing light bulb

F	Brake light switch
F47	Brake pedal switch
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M25	Brake light bulb
M41	Left tail light and rear fog light bulb
T2bz	2-pin connector, on brake light bulb
T4m	4-pin connector, on brake light switch
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
T11c	11-pin connector, green, in left engine compartment
B131	Connection (54), in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B182	Connection (RL), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Control unit in dash panel insert, dash panel insert, alternator warning lamp, right turn signal warning lamp

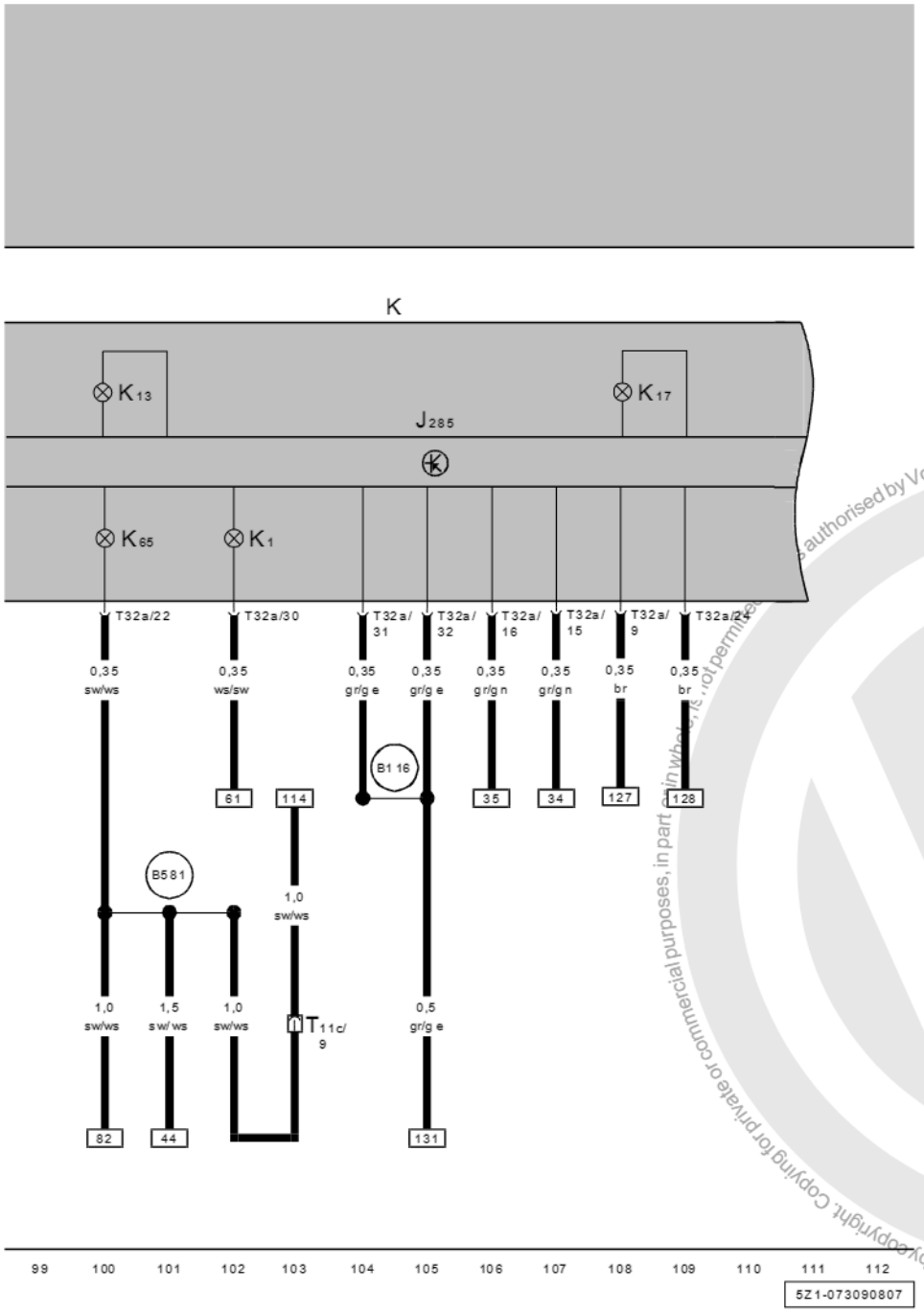
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K94	Right turn signal warning lamp
SB36	Fuse 36 on fuse holder B
SB47	Fuse 47 on fuse holder B
SC17	Fuse 17 on fuse holder C
T11c	11-pin connector, green, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
T32a	32-pin connector, on dash panel insert
B147	Positive connection 2 (87), in interior wiring harness
B167	Connection (56b), in interior wiring harness
B582	Positive connection (right indicator lamp), interior wiring harness
B608	Connection 4, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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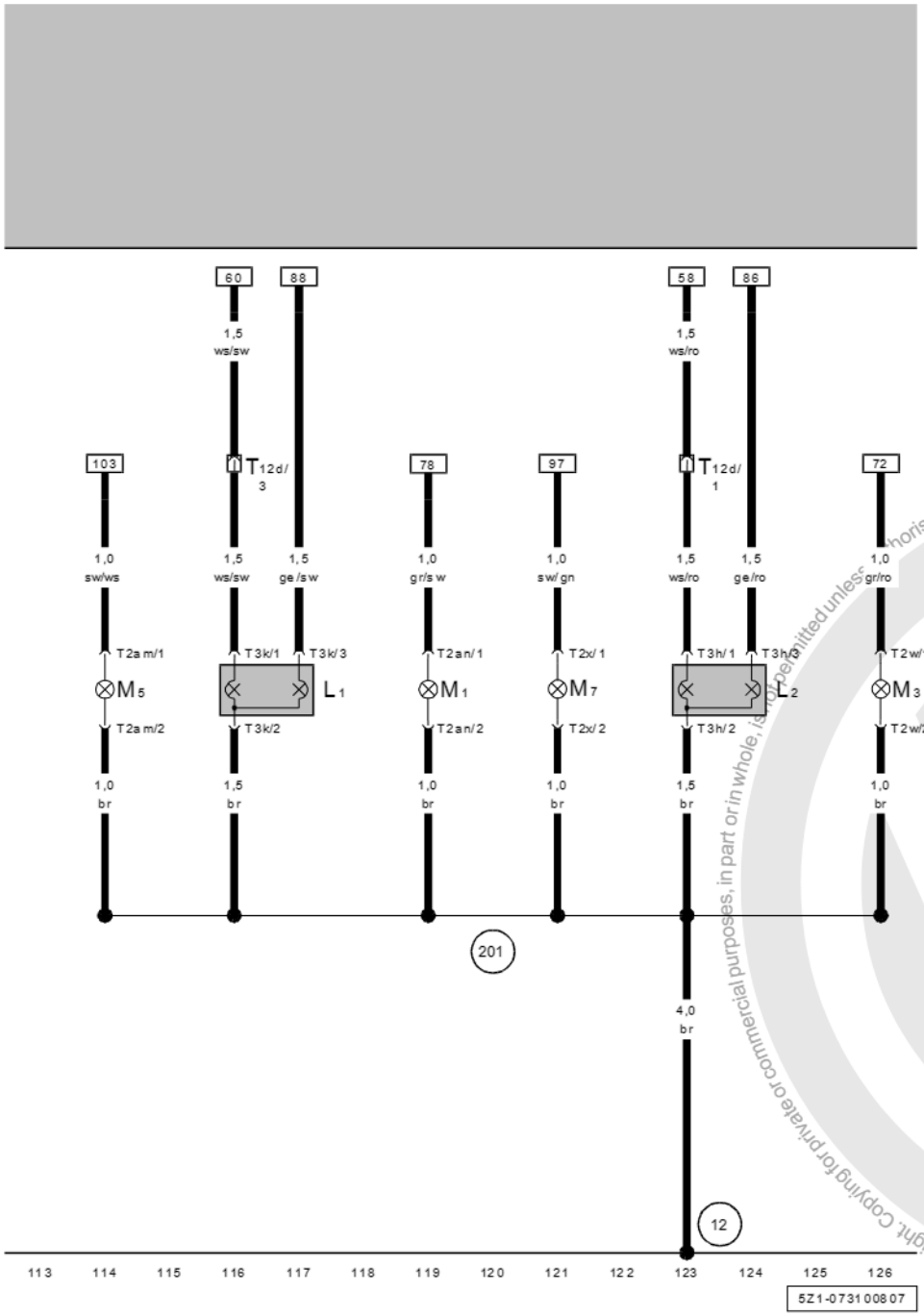
Control unit in dash panel insert, dash panel insert, left turn signal warning lamp

J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
K65	Left turn signal warning lamp
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
B116	Connection (58d), in interior wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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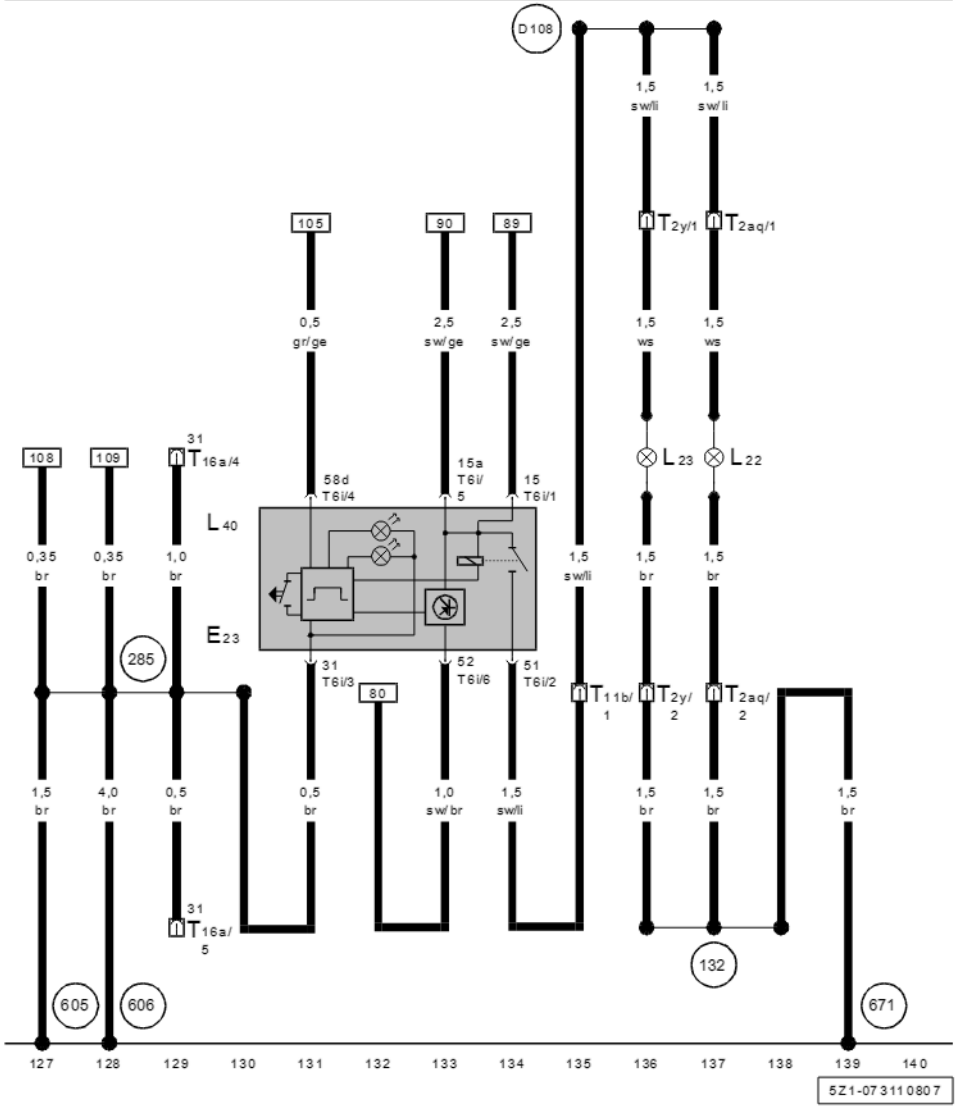


Left headlight twin filament bulb/left sealed beam insert, right headlight twin filament bulb/right sealed beam insert, front left side marker bulb, front left turn signal bulb

L1	Left headlight twin filament bulb/left sealed beam insert
L2	Right headlight twin filament bulb/right sealed beam insert
M1	Front left side marker bulb
M3	Front right side marker bulb
M5	Front left turn signal bulb
M7	Front right turn signal bulb
T2am	2-pin connector, on the front left turn signal bulb
T2an	2-pin connector, on the front left side marker bulb
T2w	2-pin connector, on the front right side marker bulb
T2x	2-pin connector, on the front right turn signal bulb
T3h	3-pin connector, on right headlight twin filament bulb/right sealed beam insert
T3k	3-pin connector, on left headlight twin filament bulb/left sealed beam insert
T12d	12-pin connector, white, in left engine compartment
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Front and rear fog light switch, left fog light bulb, right fog light bulb, front and rear fog light switch illumination bulb

E23	Front and rear fog light switch
L22	Left fog light bulb
L23	Right fog light bulb
L40	Front and rear fog light switch illumination bulb
T2aq	2-pin connector, on left fog light bulb
T2y	2-pin connector, on right fog light bulb
T6i	6-pin connector, on front and rear fog light switch
T11b	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
132	Earth connection 3, in engine compartment wiring harness
285	Earth connection 7, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near selector lever
671	Earth point 1, on front of left longitudinal member
D108	Connection 6, in engine compartment wiring harness

ws	=	white
sw	=	black
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rt	=	red
br	=	brown
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Fog light switch (Crossfox)

from July 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

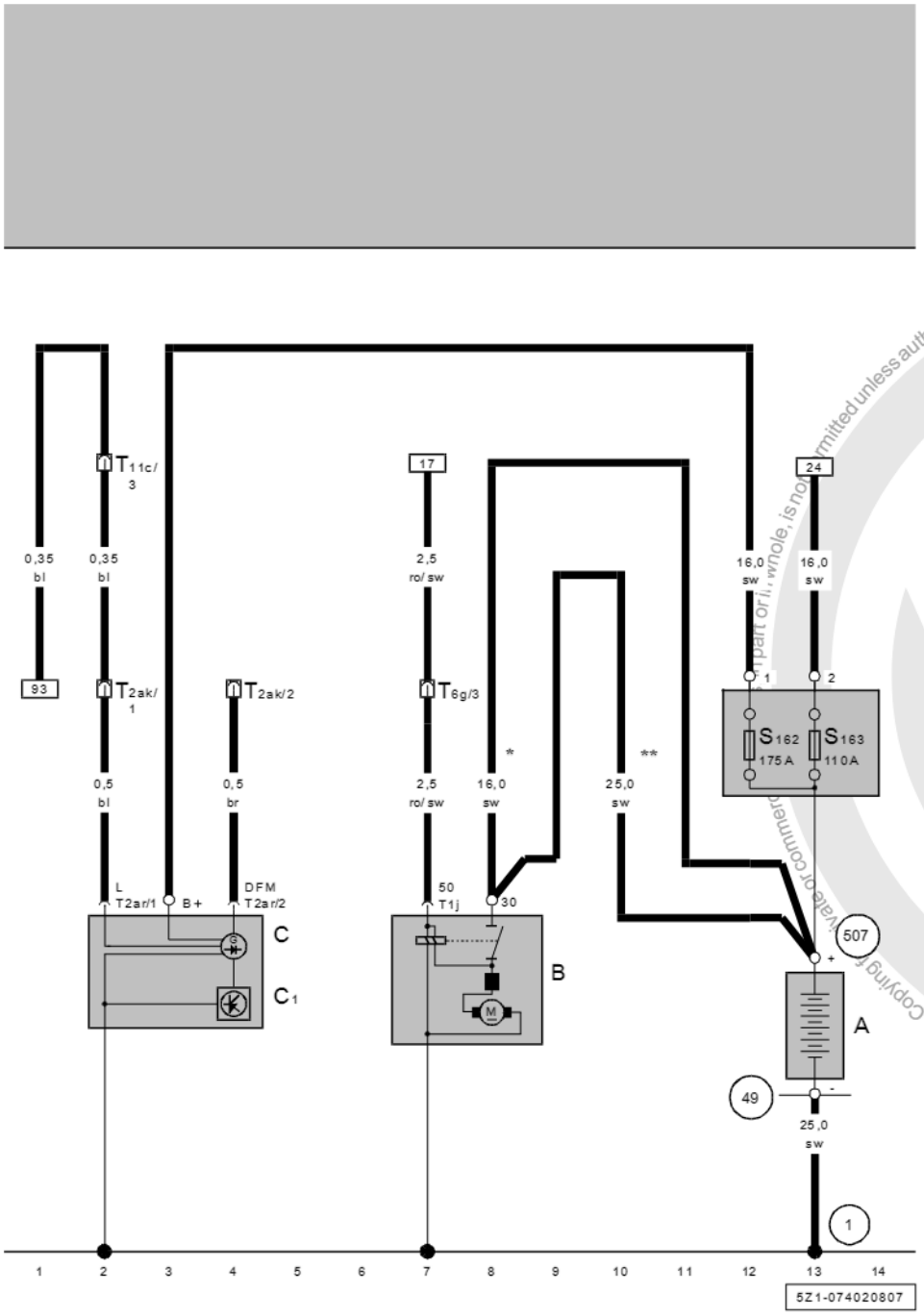
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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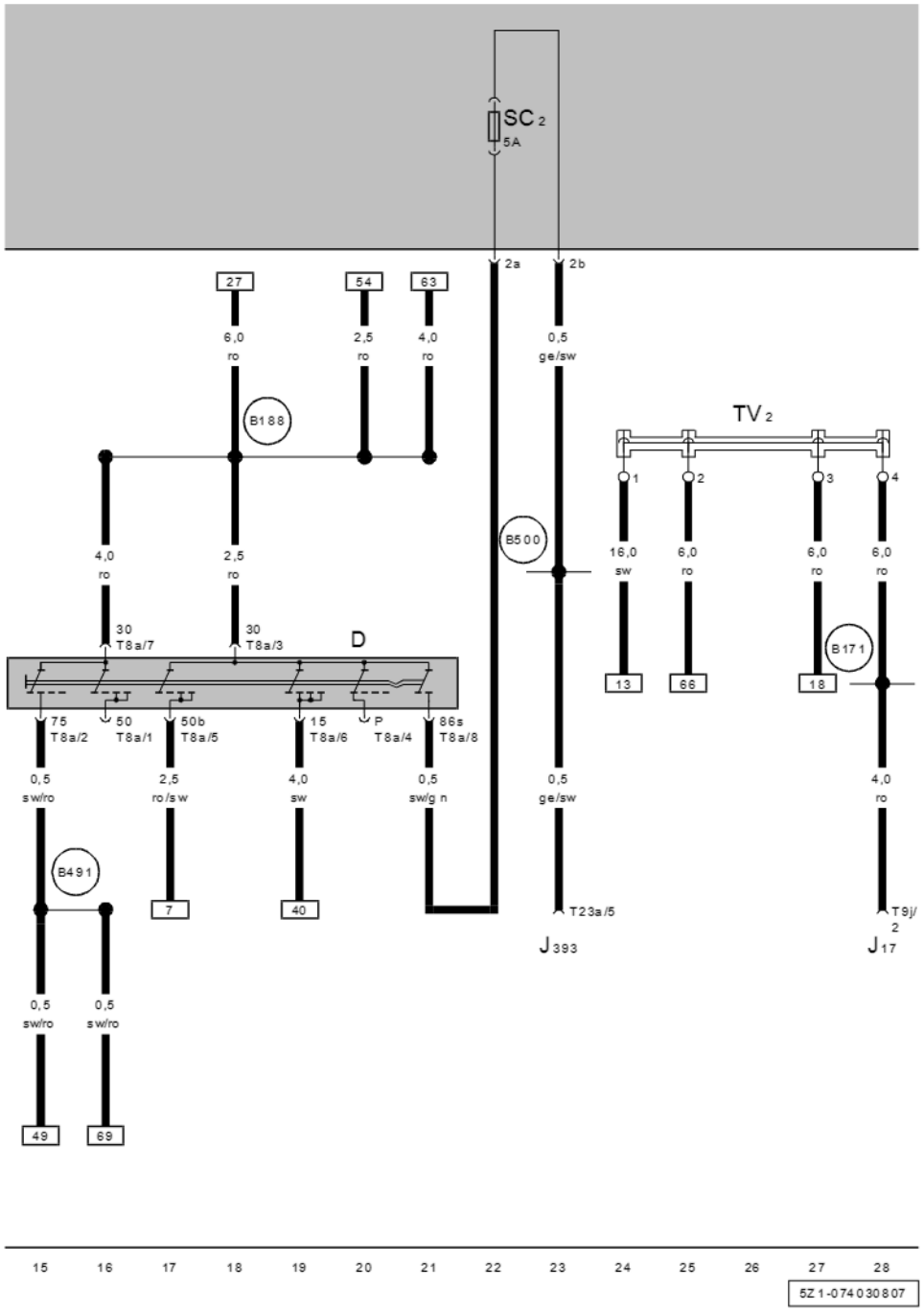


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, near starter
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery
*	for 1.0 l and 1.6 l engine only
**	for 1.6 l engine without air conditioning system only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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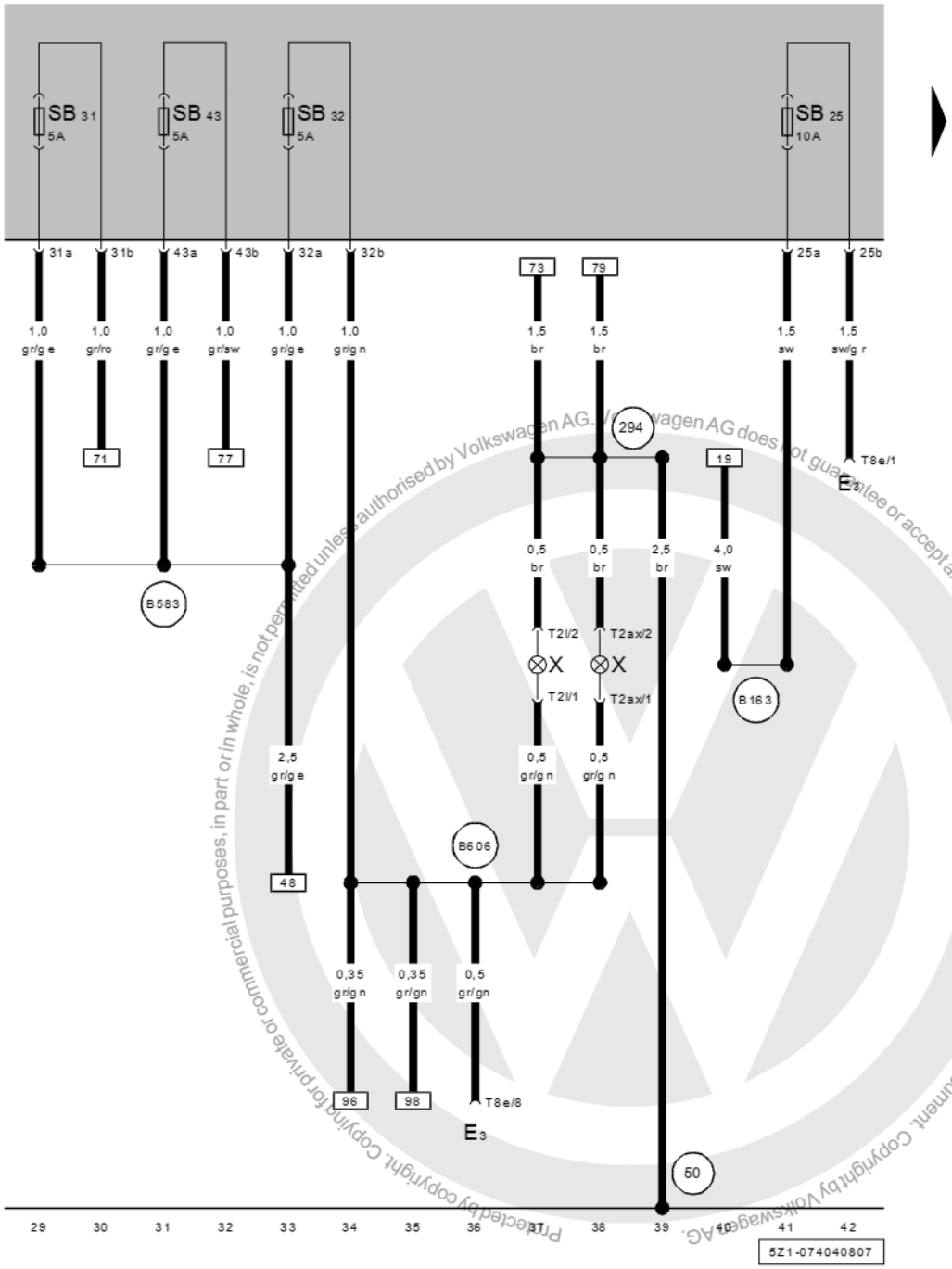


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T9j	9-pin connector, on fuel pump relay
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

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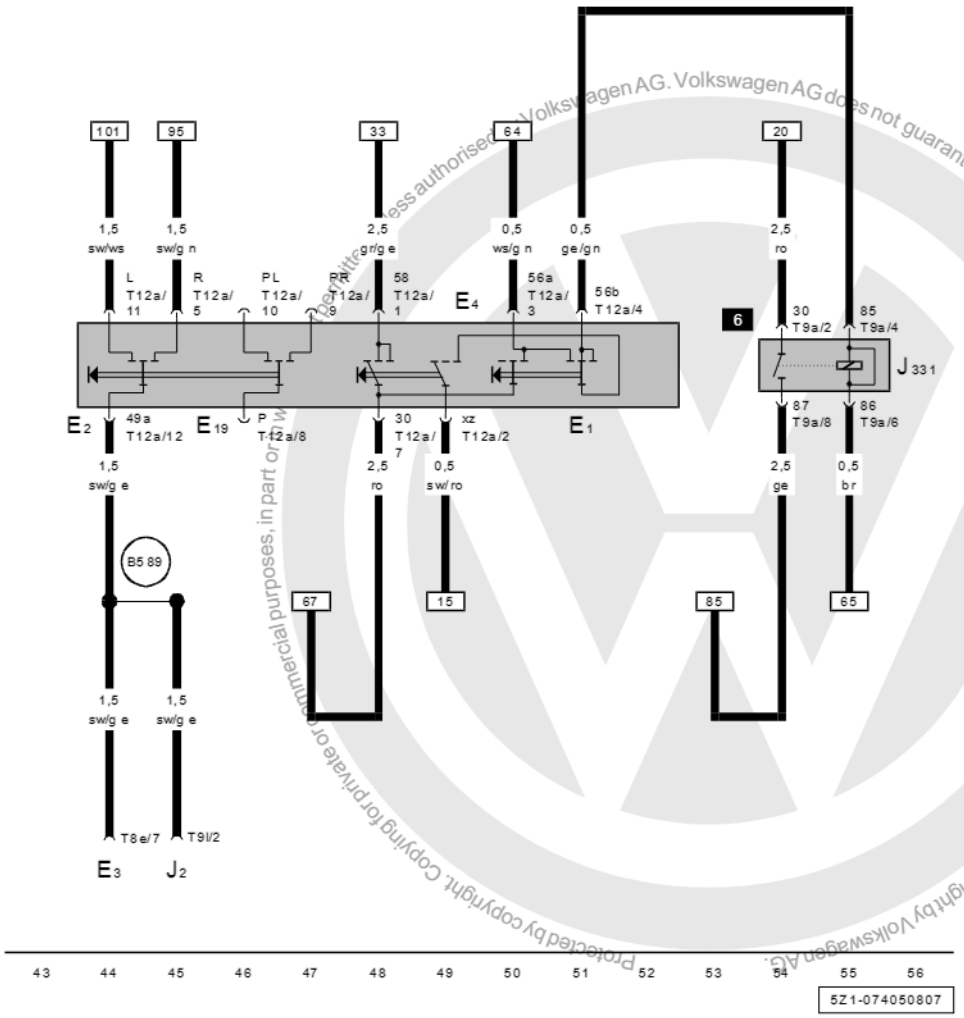
ws = white
sw = black
ro = red
rt = red
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gn = green
bl = blue
gr = grey
li = purple
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or = orange
rs = pink

Number plate light

E3	Hazard warning light switch
SB25	Fuse 25 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB43	Fuse 43 on fuse holder B
T2ax	2-pin connector, on number plate light
T2l	2-pin connector, on number plate light
T8e	8-connector, on hazard warning light switch
X	Number plate light
50	Earth points, on left in luggage compartment
294	Earth connection 9, in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B606	Connection 2, in interior wiring harness

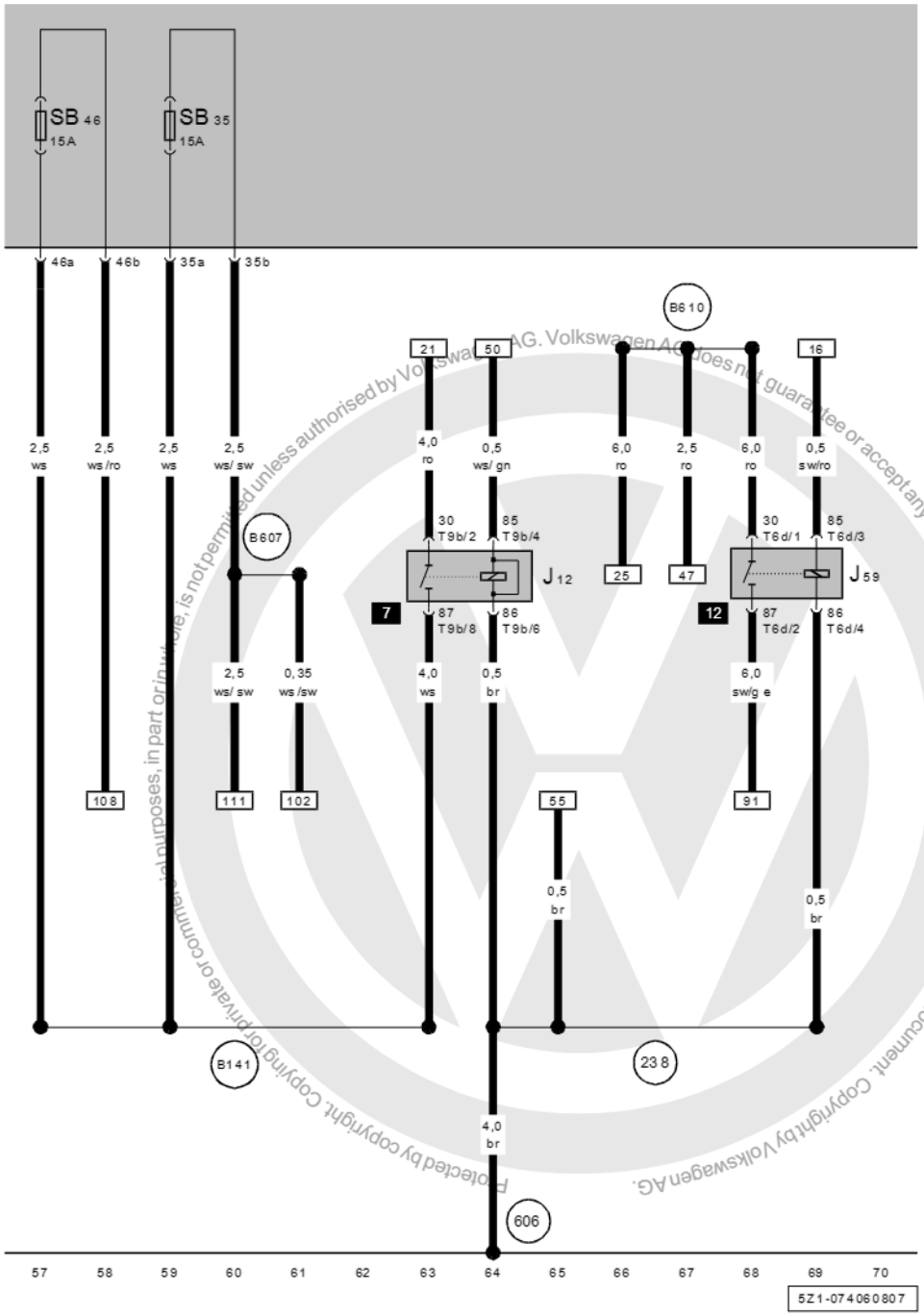
Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, dipped beam relay

E1	Light switch
E2	Turn signal switch
E3	Hazard warning light switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J2	Hazard warning light relay
J331	Dipped beam relay
T8e	8-connector, on hazard warning light switch
T9a	9-pin connector, on dipped beam relay
T9l	9-pin connector, on hazard warning light relay
T12a	12-pin connector, on light switch
B589	Connection (49a), in interior wiring harness



ws = white
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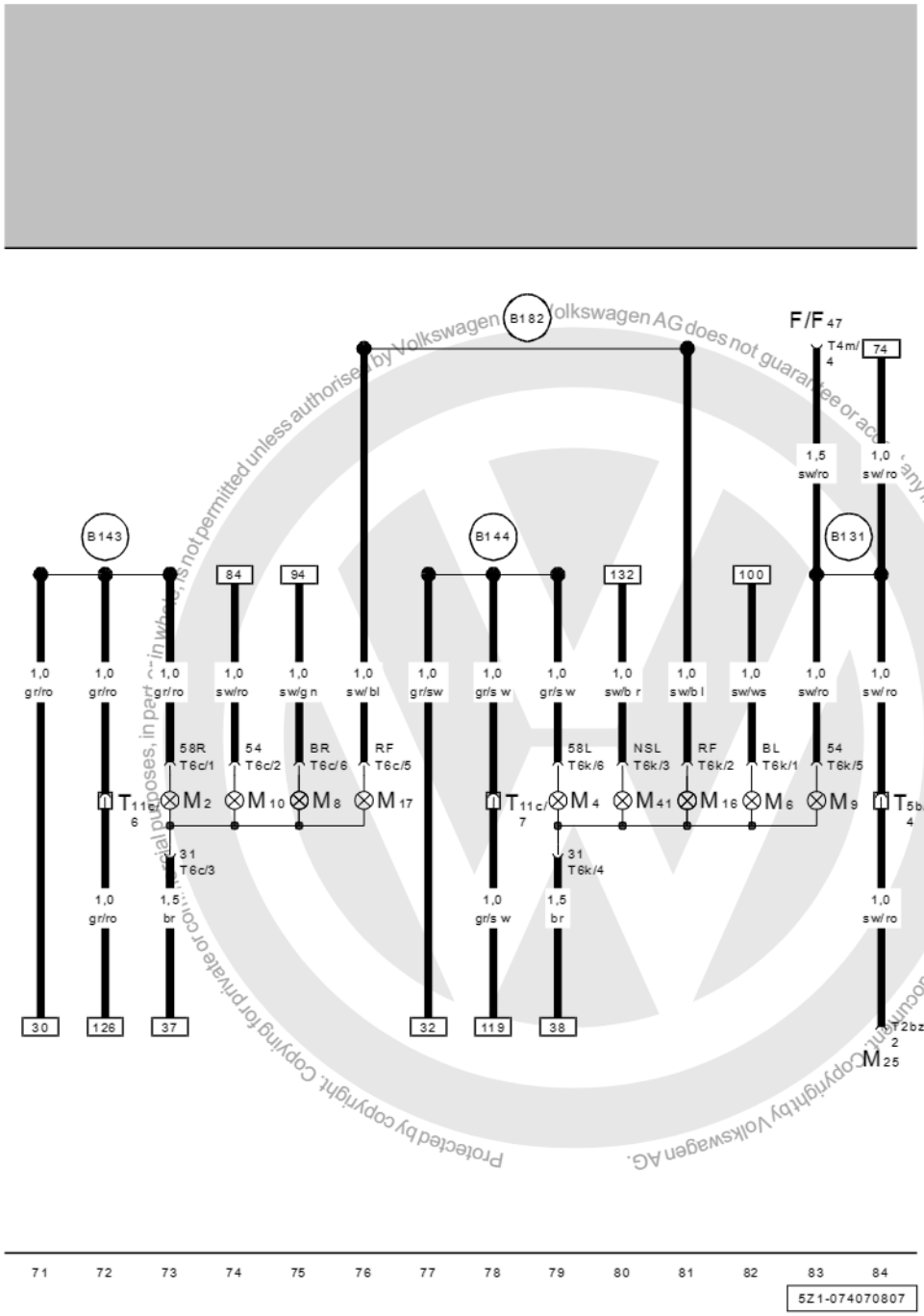


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Headlight main beam relay, X-contact relief relay

J12	Headlight main beam relay
J59	X-contact relief relay
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T6d	6-pin connector, on X-contact relief relay
T9b	9-pin connector, on headlight main beam relay
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B141	Positive connection 1 (56a), in interior wiring harness
B607	Connection 3, in interior wiring harness
B610	Connection 6, in interior wiring harness

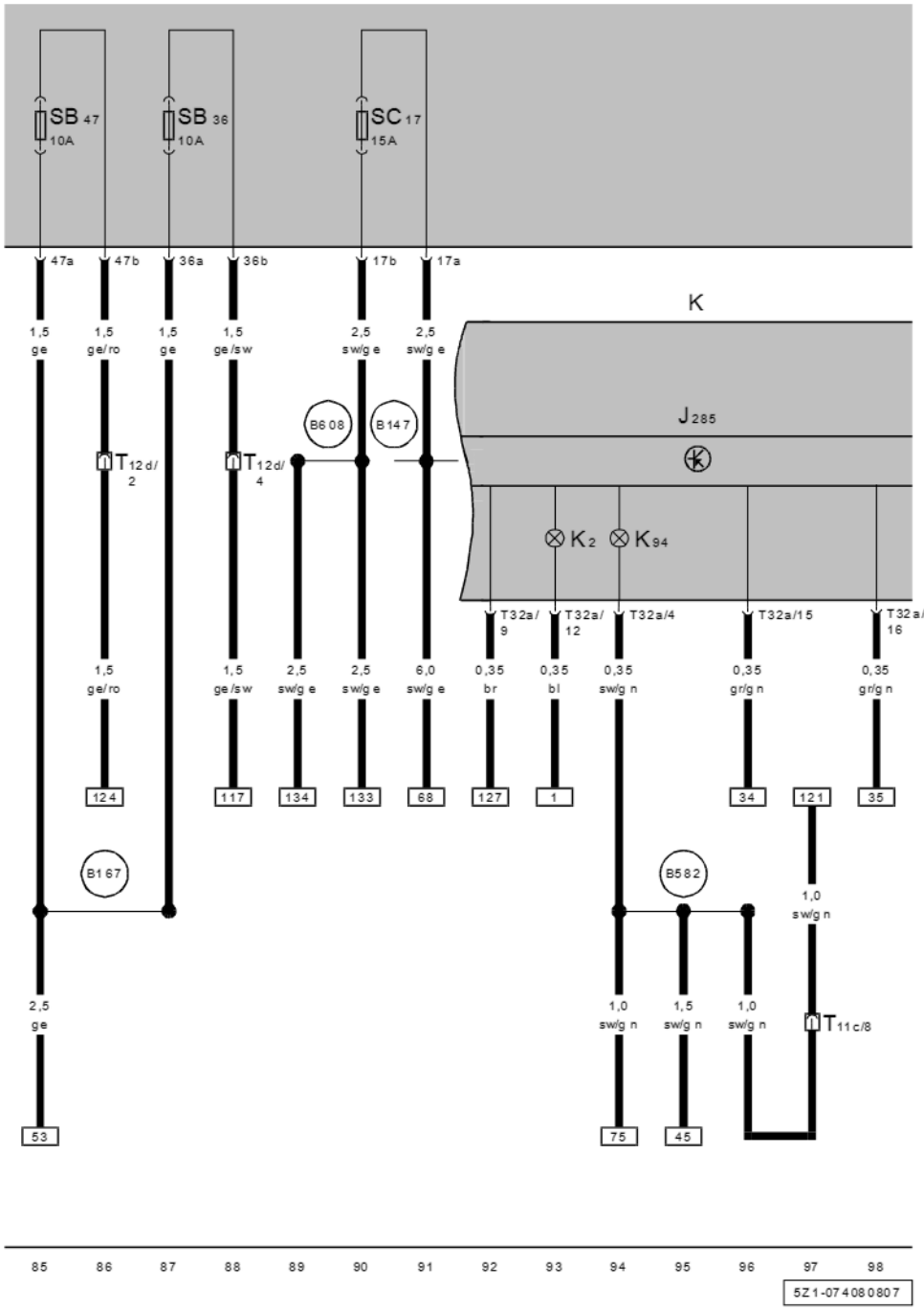


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Right tail light bulb, left tail light bulb, left brake light bulb, right brake light bulb, left reversing light bulb, right reversing light bulb

F	Brake light switch
F47	Brake pedal switch
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M25	Brake light bulb
M41	Left tail light and rear fog light bulb
T2bz	2-pin connector, on brake light bulb
T4m	4-pin connector, on brake light switch
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
T11c	11-pin connector, green, in left engine compartment
B131	Connection (54), in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B182	Connection (RL), in interior wiring harness

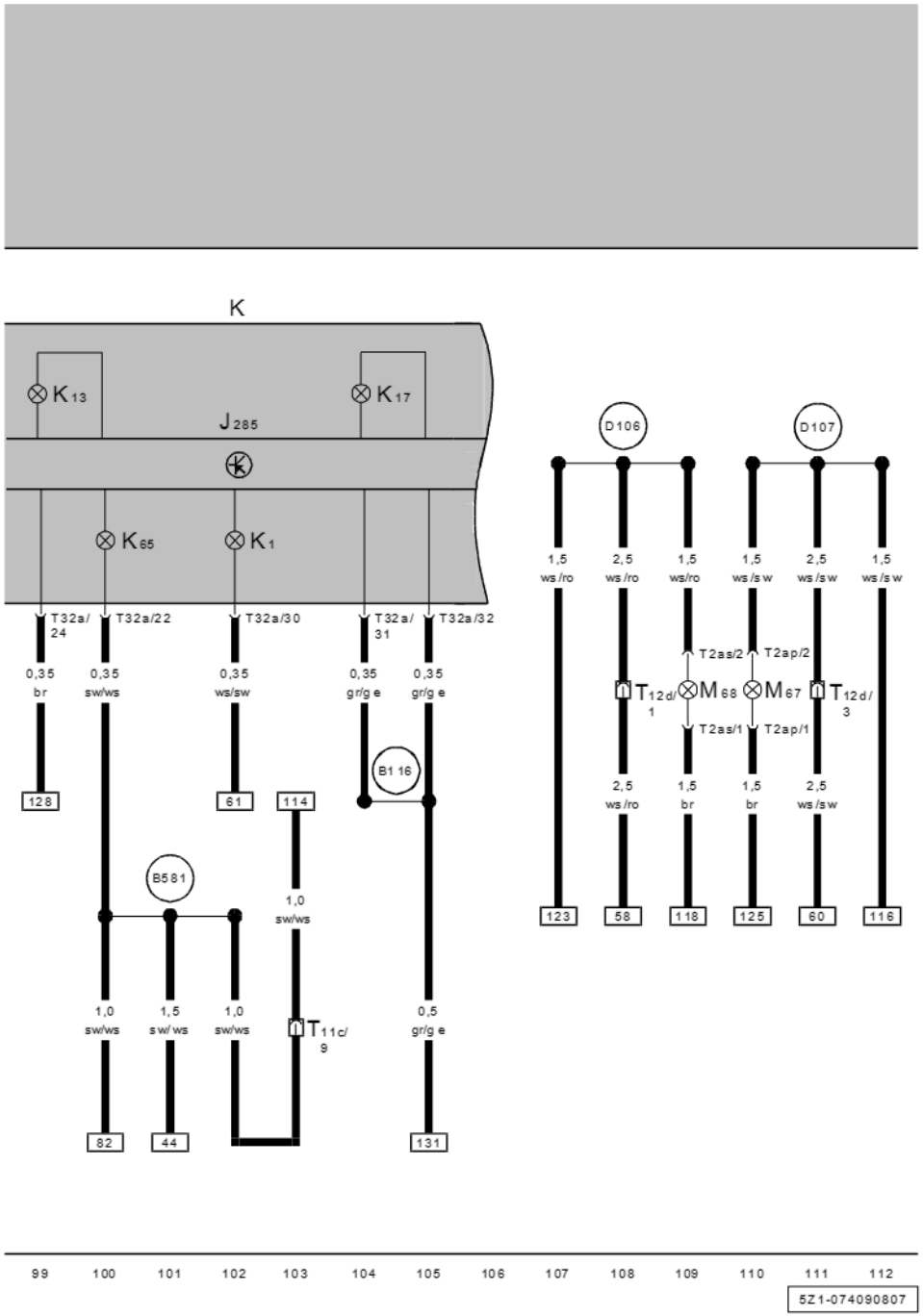


Control unit in dash panel insert, dash panel insert, alternator warning lamp, right turn signal warning lamp

J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K94	Right turn signal warning lamp
SB36	Fuse 36 on fuse holder B
SB47	Fuse 47 on fuse holder B
SC17	Fuse 17 on fuse holder C
T11c	11-pin connector, green, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
T32a	32-pin connector, on dash panel insert
B147	Positive connection 2 (87), in interior wiring harness
B167	Connection (56b), in interior wiring harness
B582	Positive connection (right indicator lamp), interior wiring harness
B608	Connection 4, in interior wiring harness

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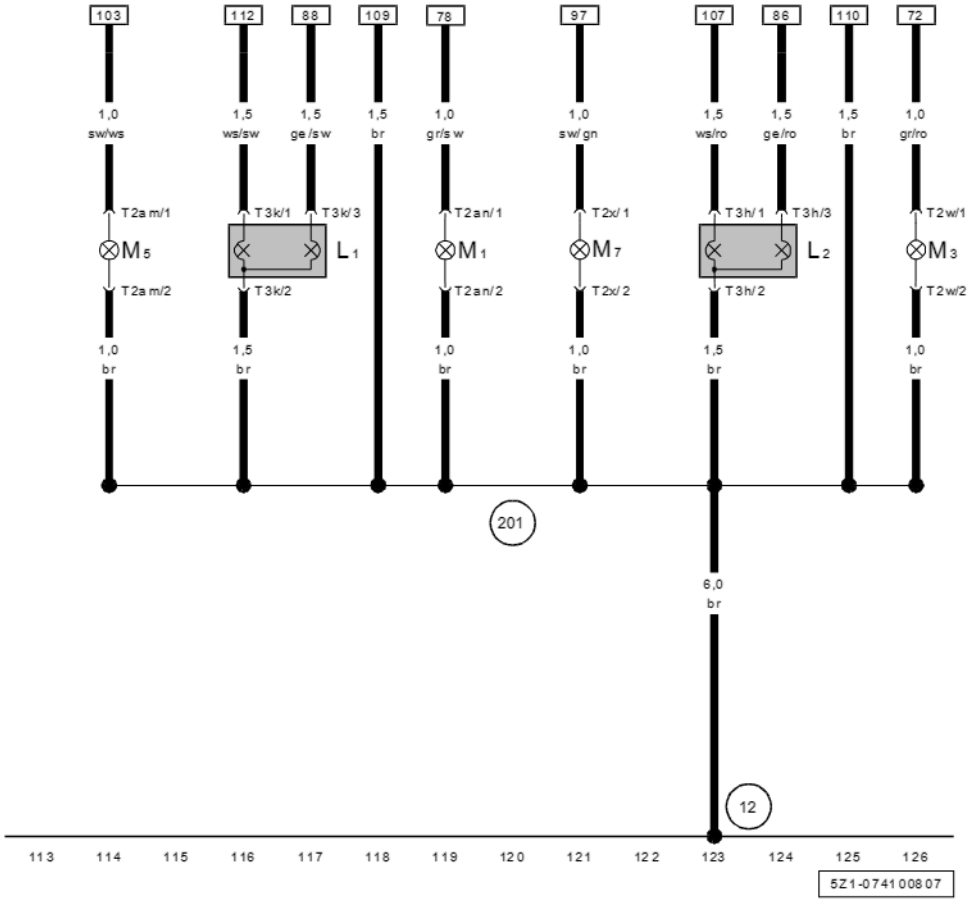
Control unit in dash panel insert, dash panel insert, left turn signal warning lamp, left additional main bean bulb, right additional main bean bulb

J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
K65	Left turn signal warning lamp
M67	Left additional main bean bulb
M68	Right additional main bean bulb
T2ap	2-pin connector, on left additional main bean bulb
T2as	2-pin connector, on right additional main bean bulb
T11c	11-pin connector, green, in left engine compartment
T12d	12-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert
B116	Connection (58d), in interior wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness
D106	Connection 4, in engine compartment wiring harness
D107	Connection 5, in engine compartment wiring harness

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ge	=	yellow
or	=	orange
rs	=	pink





Left headlight twin filament bulb/left sealed beam insert, right headlight twin filament bulb/right sealed beam insert, front left side marker bulb, front left turn signal bulb

L1	Left headlight twin filament bulb/left sealed beam insert
L2	Right headlight twin filament bulb/right sealed beam insert
M1	Front left side marker bulb
M3	Front right side marker bulb
M5	Front left turn signal bulb
M7	Front right turn signal bulb
T2am	2-pin connector, on the front left turn signal bulb
T2an	2-pin connector, on the front left side marker bulb
T2w	2-pin connector, on the front right side marker bulb
T2x	2-pin connector, on the front right turn signal bulb
T3h	3-pin connector, on right headlight twin filament bulb/right sealed beam insert
T3k	3-pin connector, on left headlight twin filament bulb/left sealed beam insert
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness

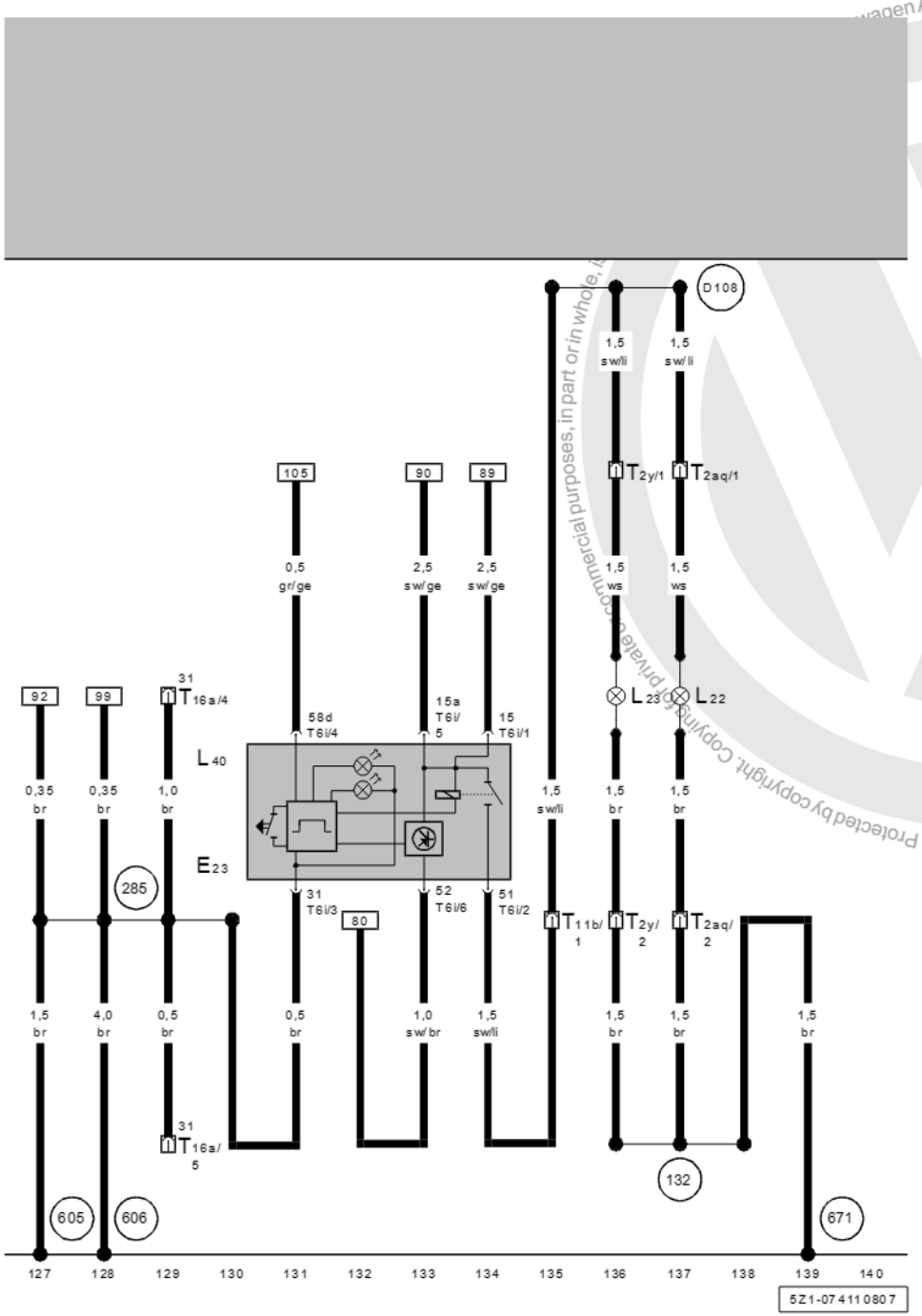
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Front and rear fog light switch, left fog light bulb, right fog light bulb, front and rear fog light switch illumination bulb

E23	Front and rear fog light switch
L22	Left fog light bulb
L23	Right fog light bulb
L40	Front and rear fog light switch illumination bulb
T2aq	2-pin connector, on left fog light bulb
T2y	2-pin connector, on right fog light bulb
T6i	6-pin connector, on front and rear fog light switch
T11b	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
132	Earth connection 3, in engine compartment wiring harness
285	Earth connection 7, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near selector lever
671	Earth point 1, on front of left longitudinal member
D108	Connection 6, in engine compartment wiring harness



ws	=	white
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Fog light and twin headlight light switch (Crossfox)

from July 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

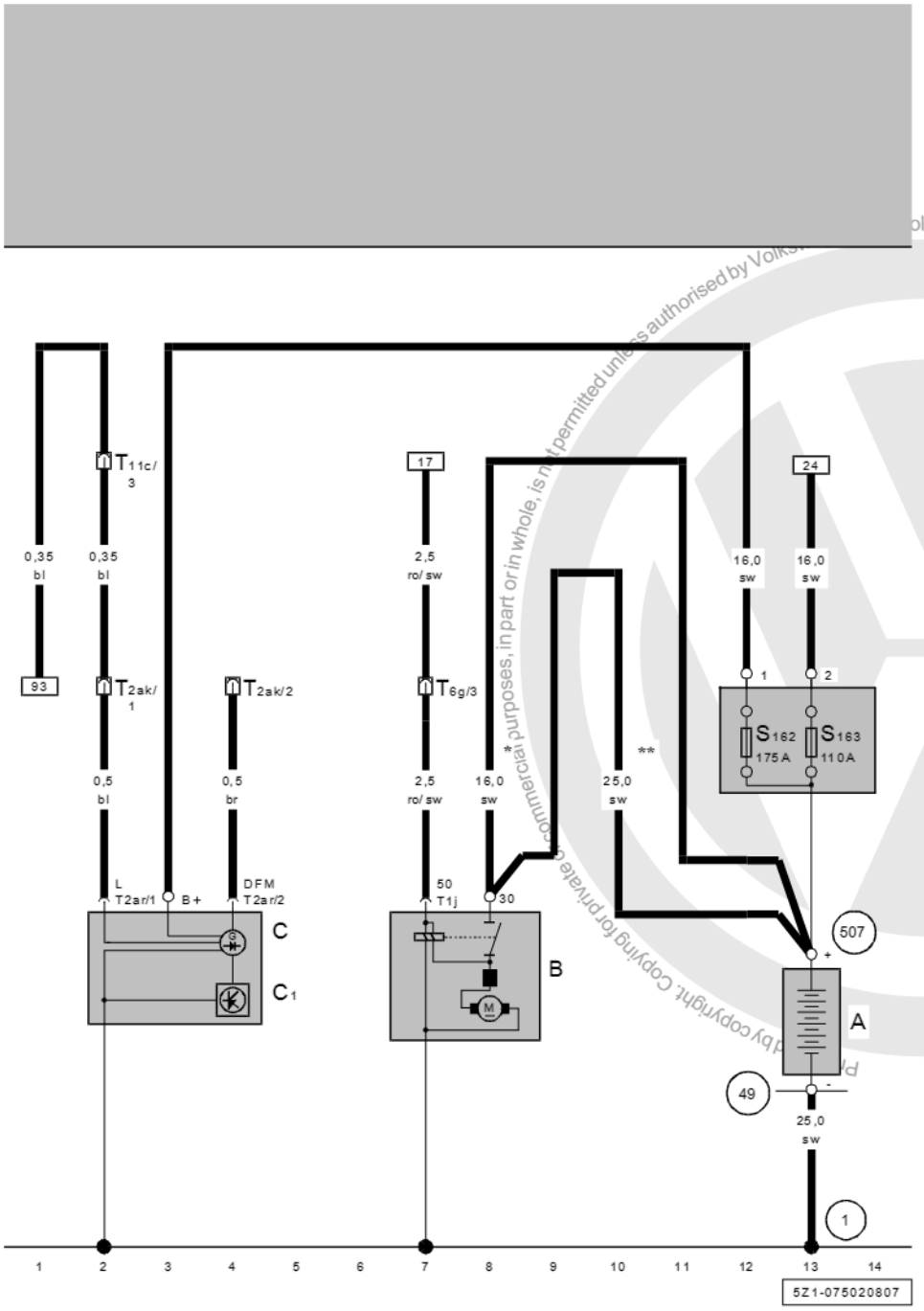
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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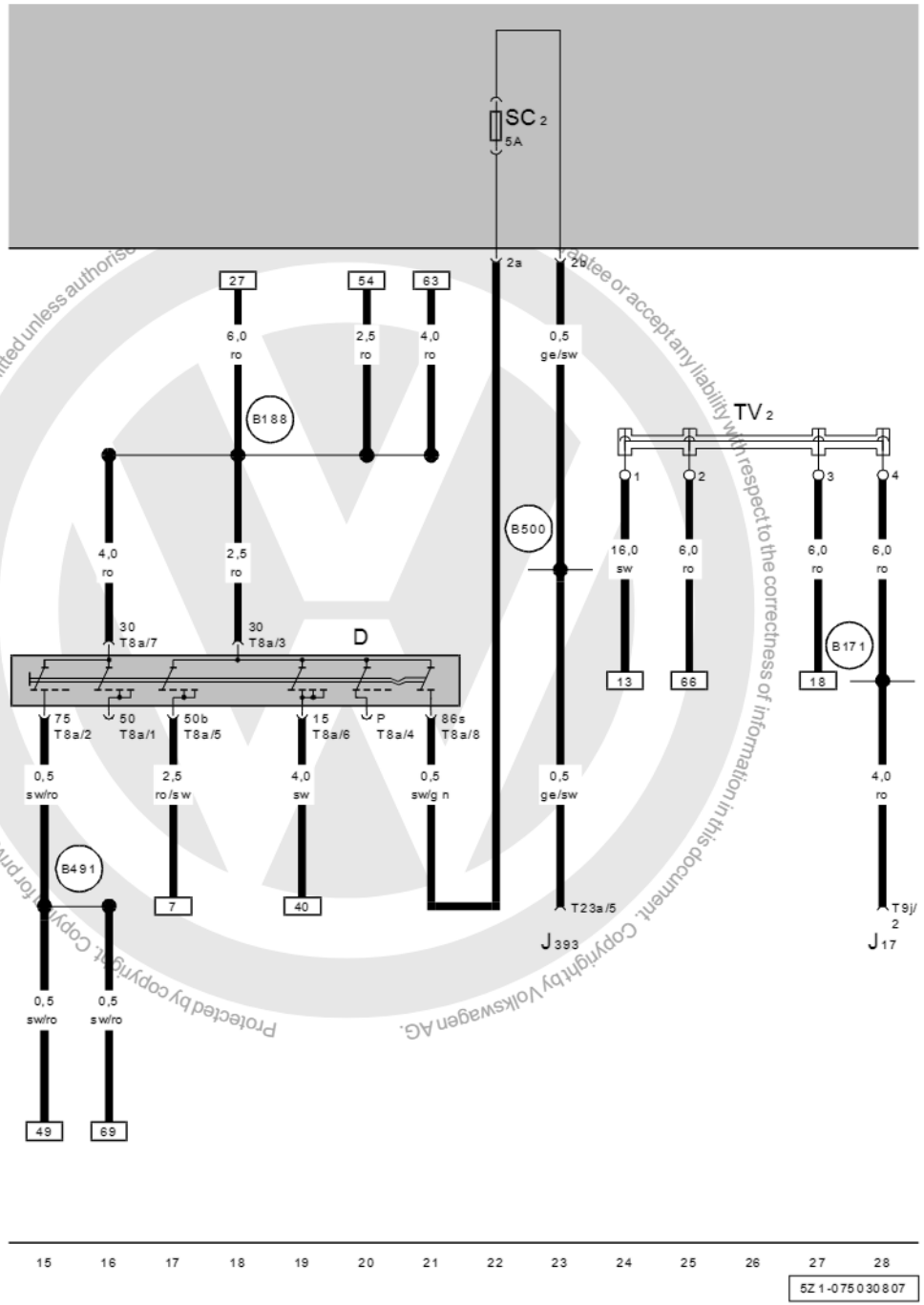


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, near starter
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery
*	for 1.0 l and 1.6 l engine only
**	for 1.6 l engine without air conditioning system only

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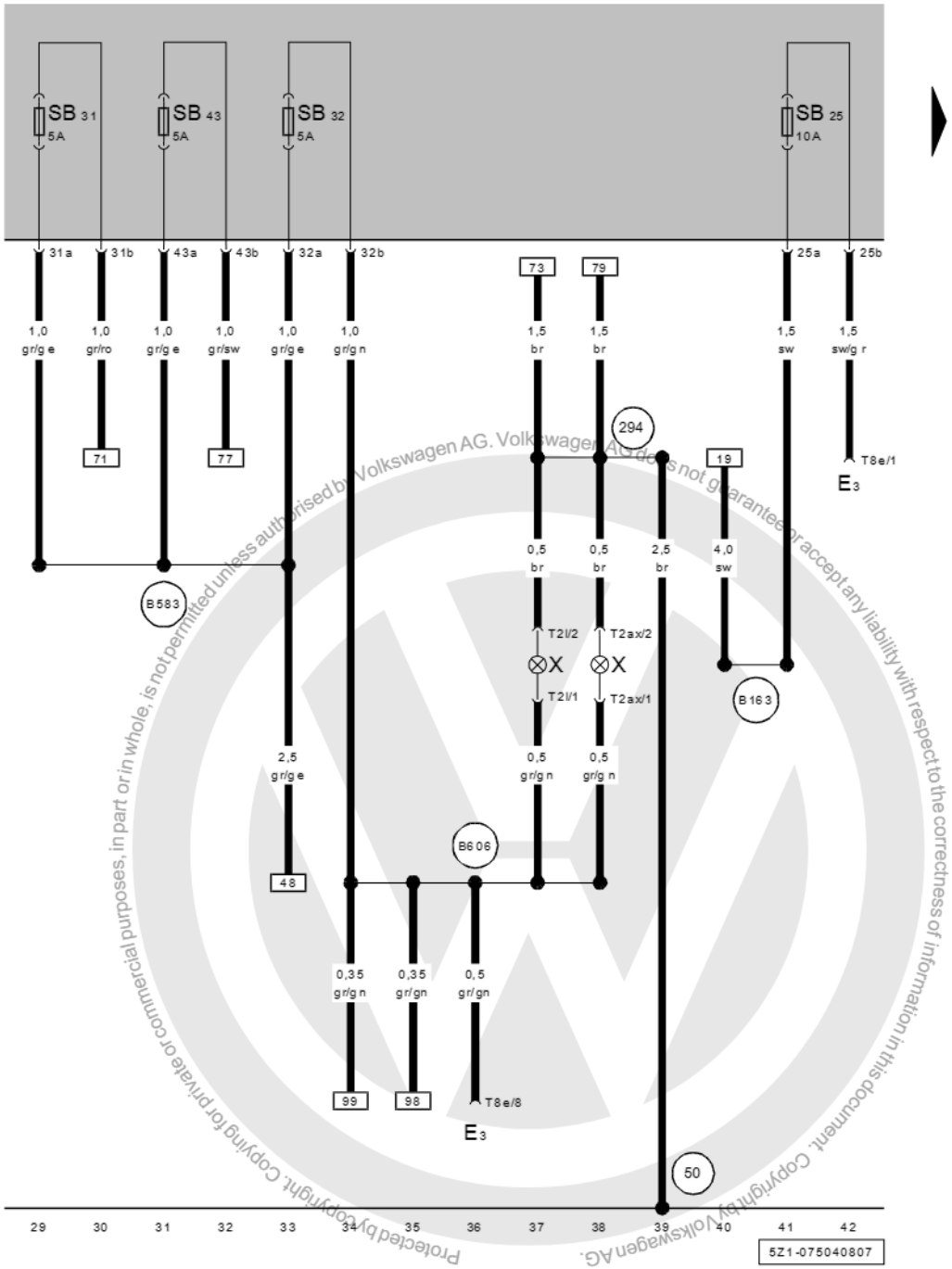


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T9j	9-pin connector, on fuel pump relay
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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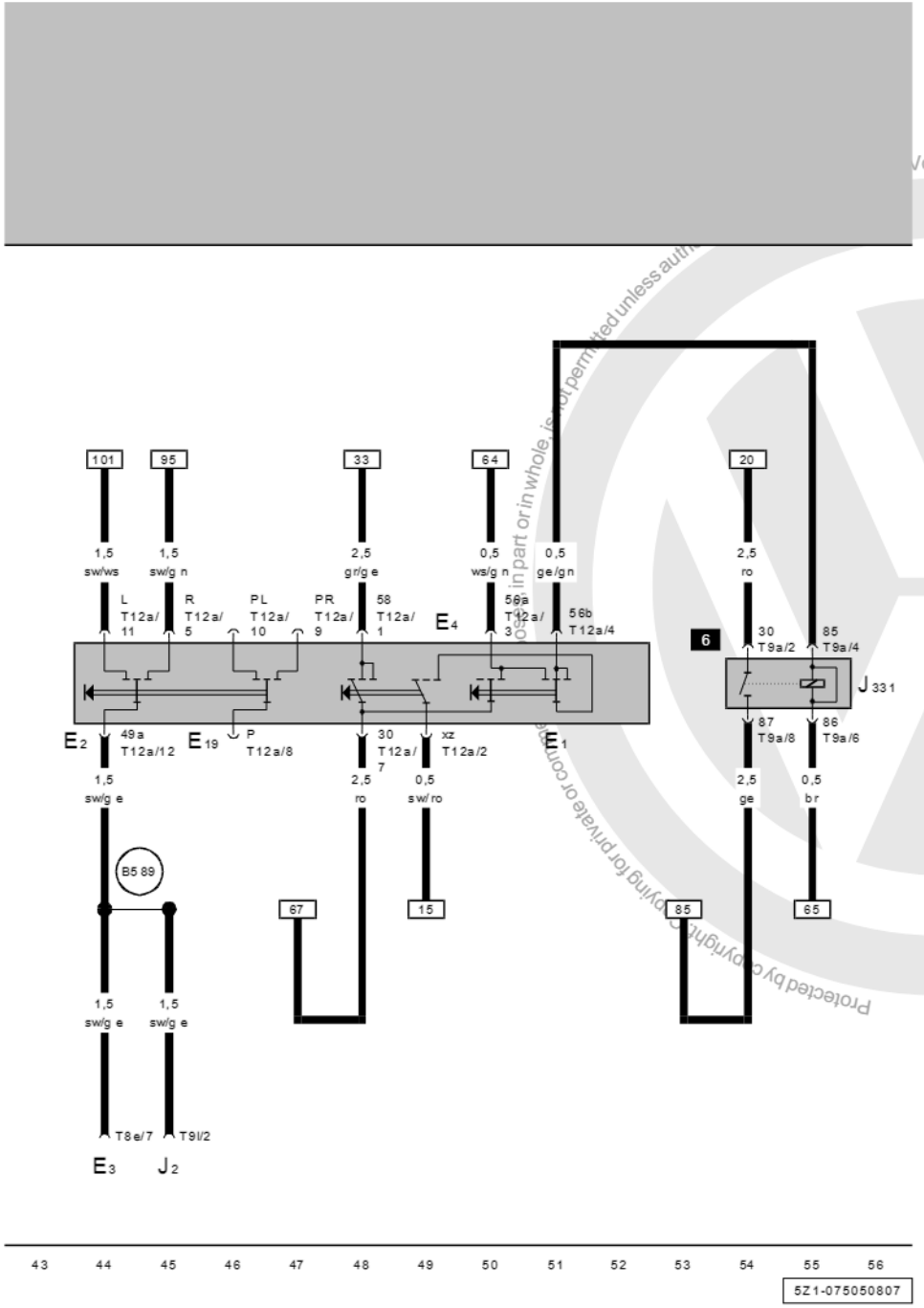
Number plate light

E3	Hazard warning light switch
SB25	Fuse 25 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB43	Fuse 43 on fuse holder B
T2ax	2-pin connector, on number plate light
T2l	2-pin connector, on number plate light
T8e	8-connector, on hazard warning light switch
X	Number plate light
50	Earth points, on left in luggage compartment
294	Earth connection 9, in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B606	Connection 2, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

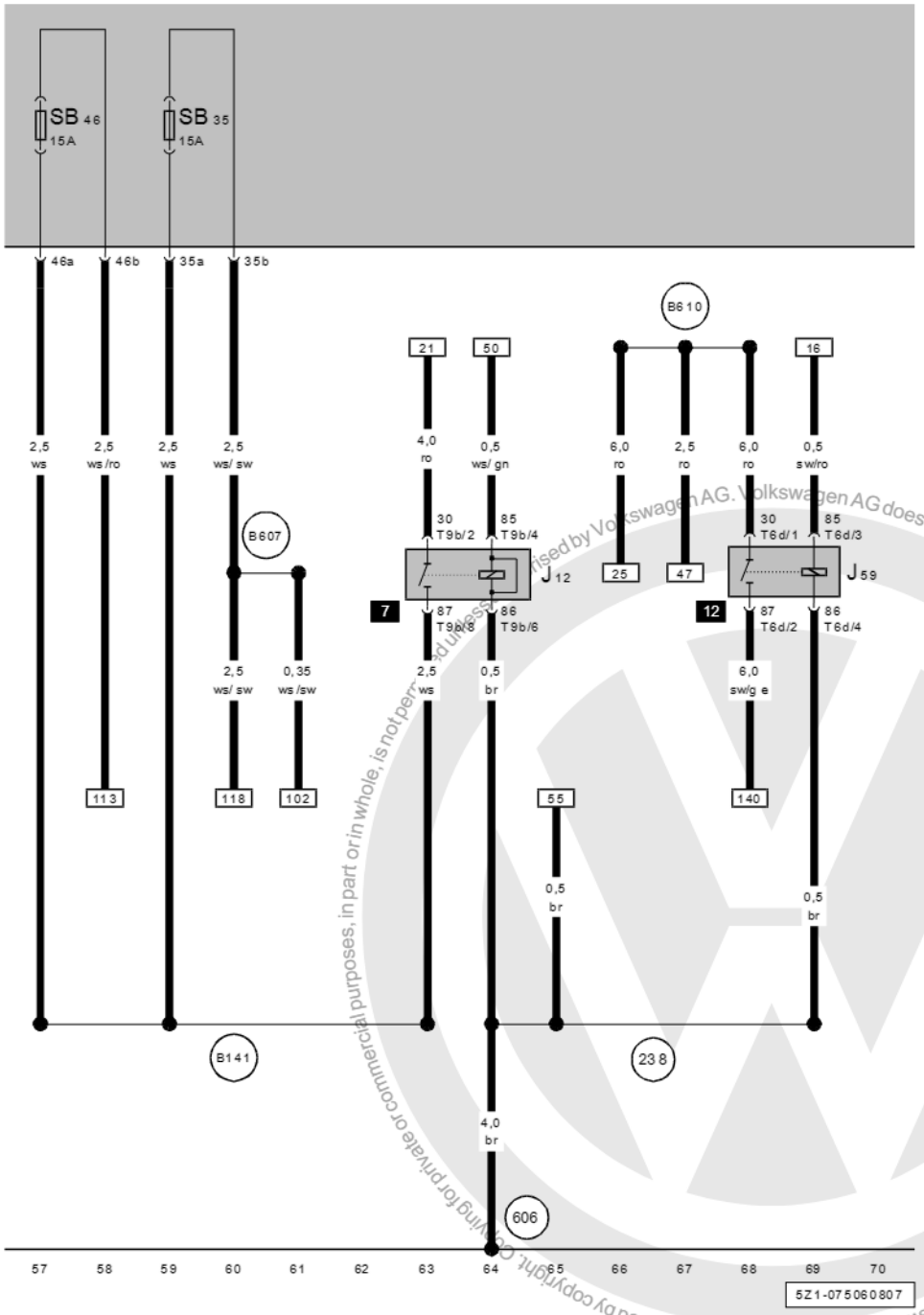
Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, dipped beam relay

E1	Light switch
E2	Turn signal switch
E3	Hazard warning light switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J2	Hazard warning light relay
J331	Dipped beam relay
T8e	8-connector, on hazard warning light switch
T9a	9-pin connector, on dipped beam relay
T9l	9-pin connector, on hazard warning light relay
T12a	12-pin connector, on light switch
B589	Connection (49a), in interior wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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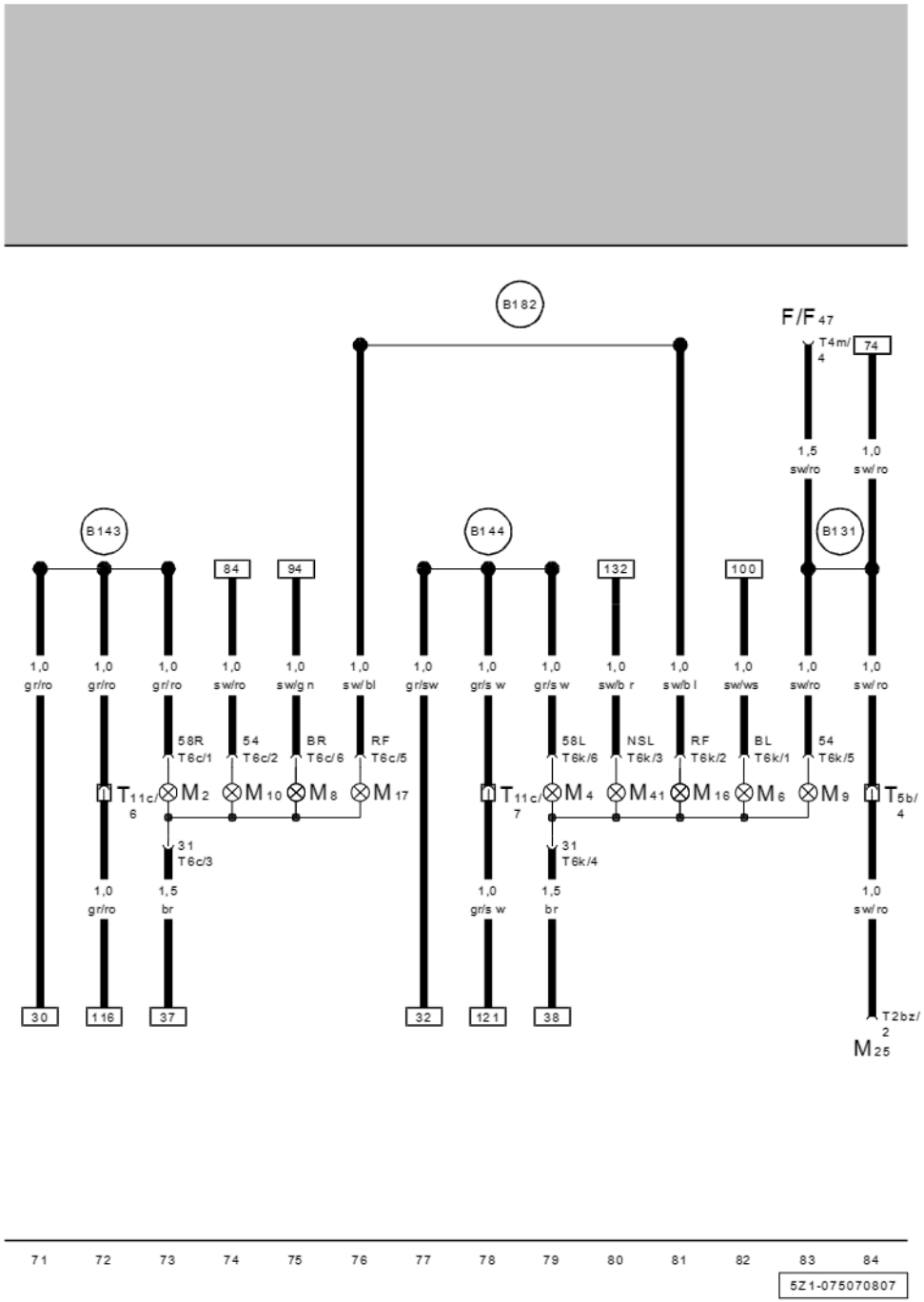


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Headlight main beam relay, X-contact relief relay

J12	Headlight main beam relay
J59	X-contact relief relay
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T6d	6-pin connector, on X-contact relief relay
T9b	9-pin connector, on headlight main beam relay
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B141	Positive connection 1 (56a), in interior wiring harness
B607	Connection 3, in interior wiring harness
B610	Connection 6, in interior wiring harness

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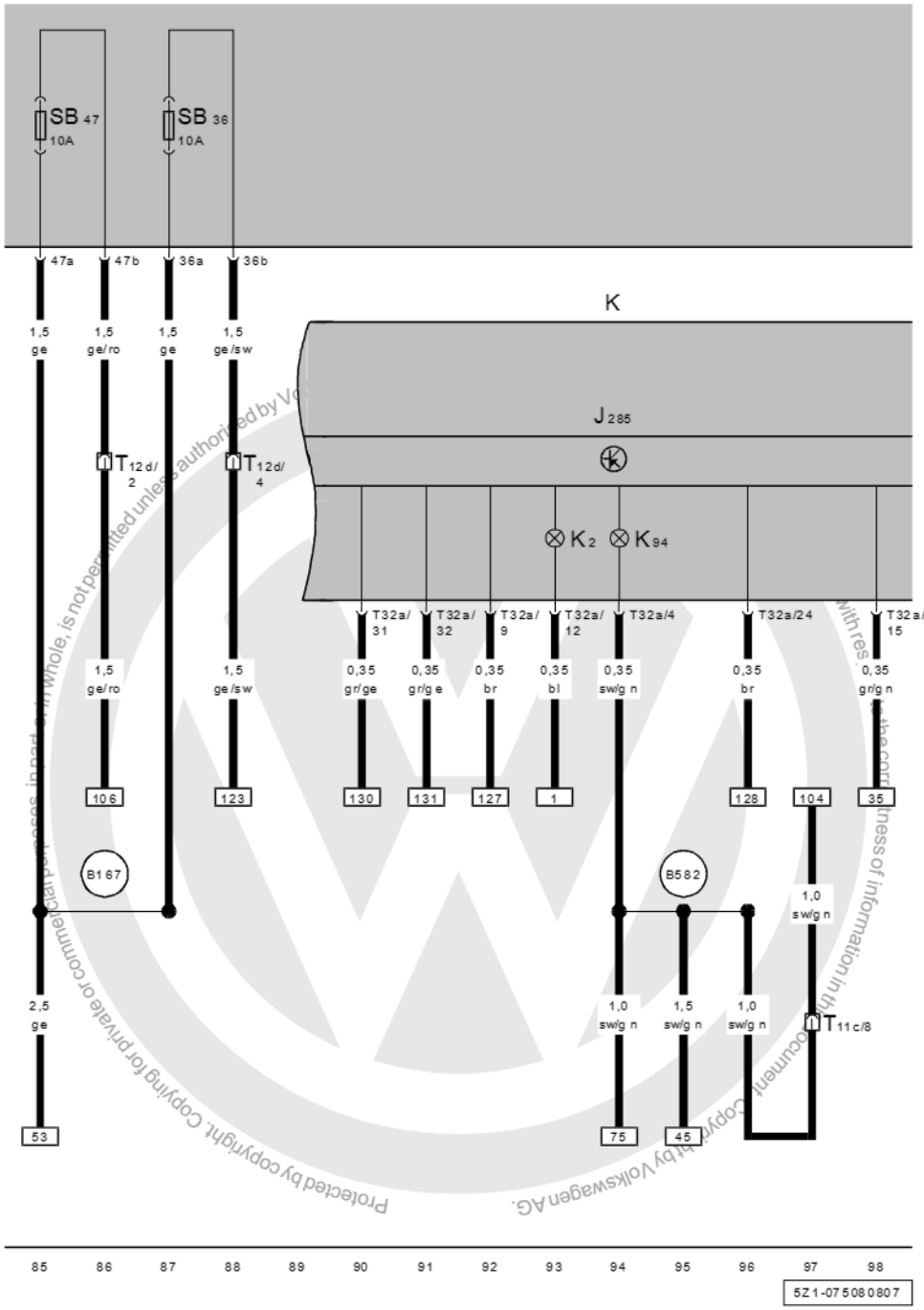


Right tail light bulb, left tail light bulb, left brake light bulb, right brake light bulb, left reversing light bulb, right reversing light bulb

F	Brake light switch
F47	Brake pedal switch
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M25	Brake light bulb
M41	Left tail light and rear fog light bulb
T2bz	2-pin connector, on brake light bulb
T4m	4-pin connector, on brake light switch
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
T11c	11-pin connector, green, in left engine compartment
B131	Connection (54), in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B182	Connection (RL), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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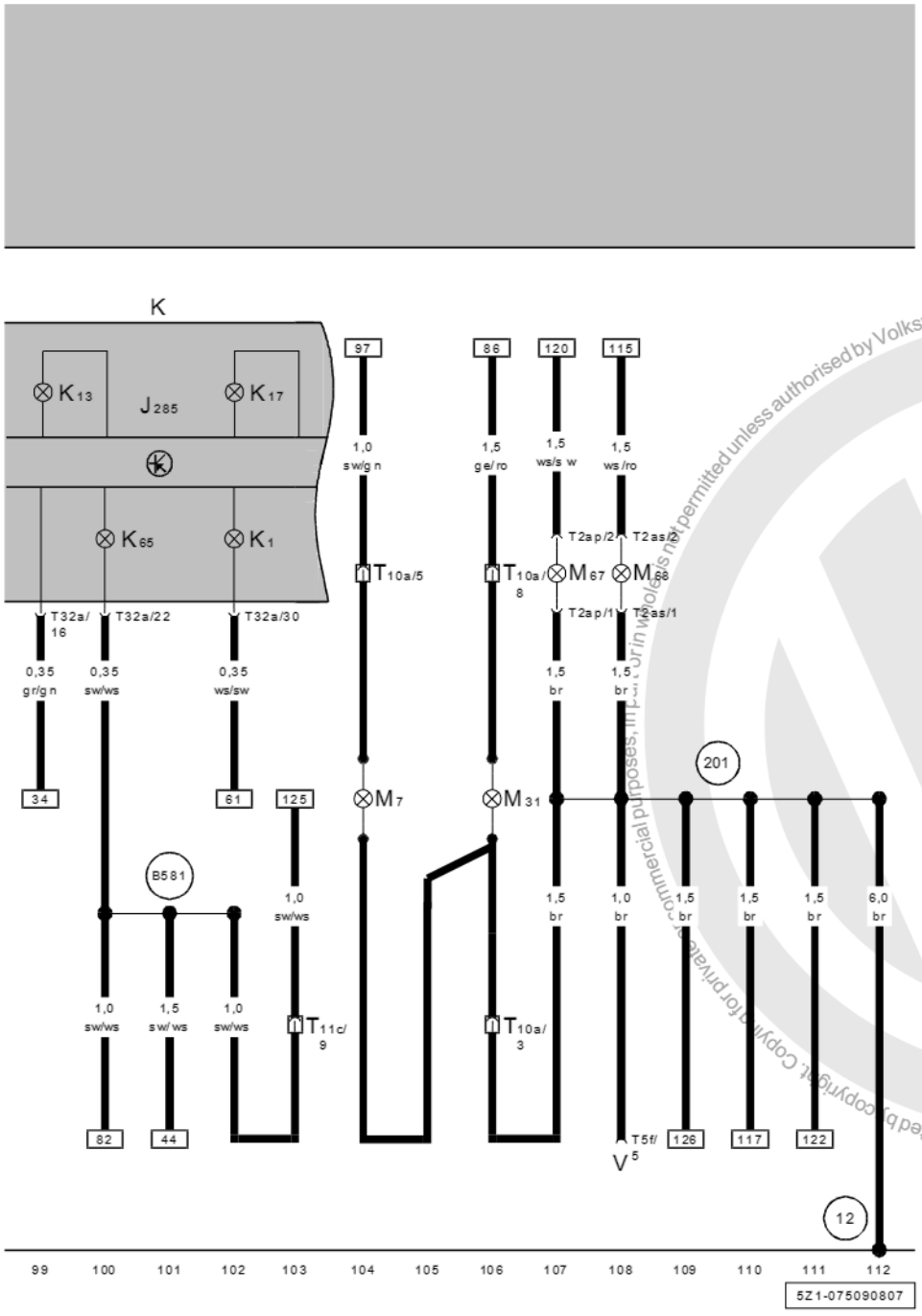


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Control unit in dash panel insert, dash panel insert, alternator warning lamp, right turn signal warning lamp

J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K94	Right turn signal warning lamp
SB36	Fuse 36 on fuse holder B
SB47	Fuse 47 on fuse holder B
T11c	11-pin connector, green, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
T32a	32-pin connector, on dash panel insert
B167	Connection (56b), in interior wiring harness
B582	Positive connection (right indicator lamp), interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

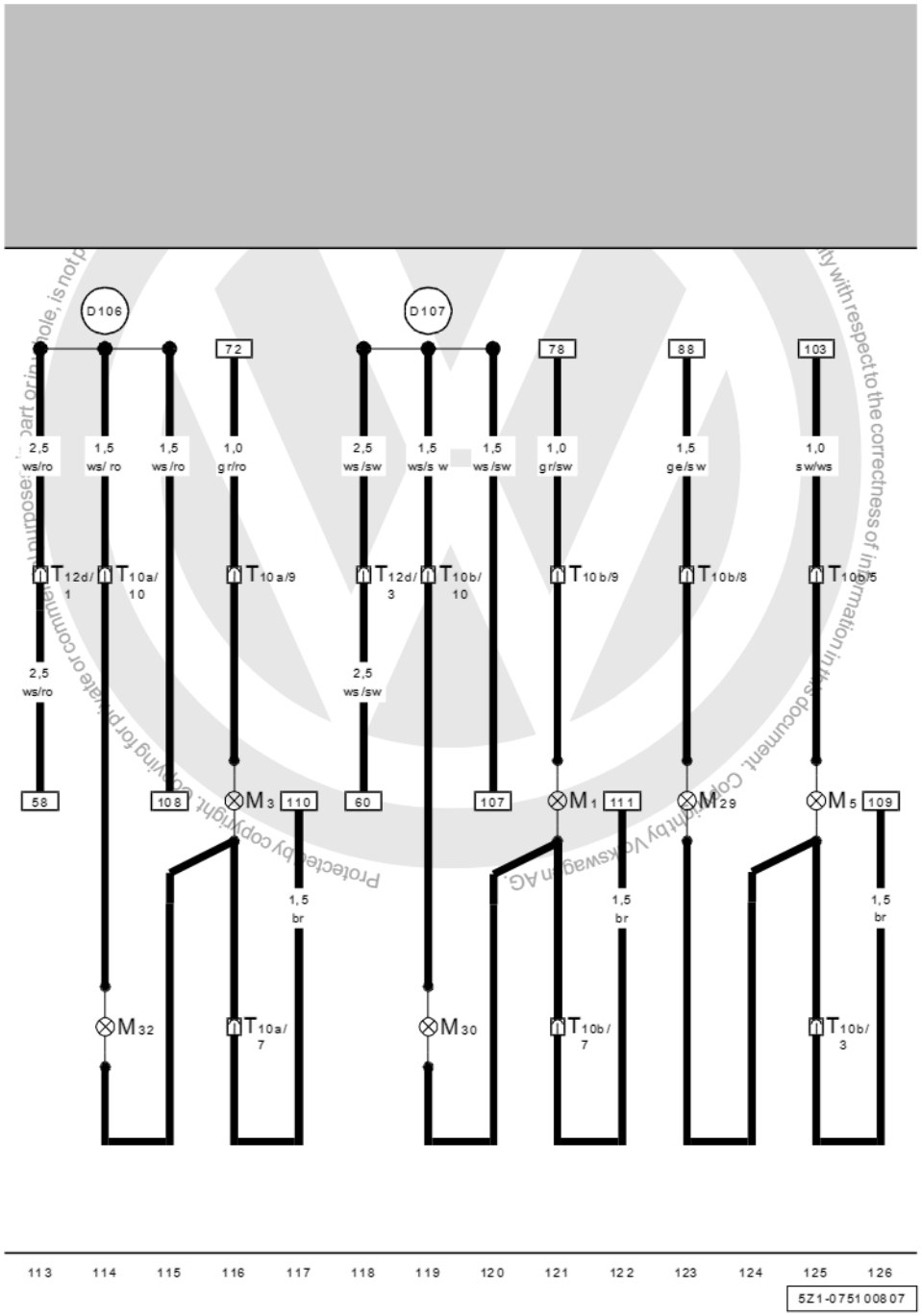


Control unit in dash panel insert, dash panel insert, left turn signal warning lamp, left additional main bean bulb, right additional main bean bulb

J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
K65	Left turn signal warning lamp
M7	Front right turn signal bulb
M31	Right dipped beam bulb
M67	Left additional main bean bulb
M68	Right additional main bean bulb
T2ap	2-pin connector, on left additional main bean bulb
T2as	2-pin connector, on right additional main bean bulb
T5f	5-pin connector, on windscreen wiper motor
T10a	10-pin connector, on right headlight dipped beam bulb
T11c	11-pin connector, green, in left engine compartment
T32a	32-pin connector, on dash panel insert
V	Windscreen wiper motor
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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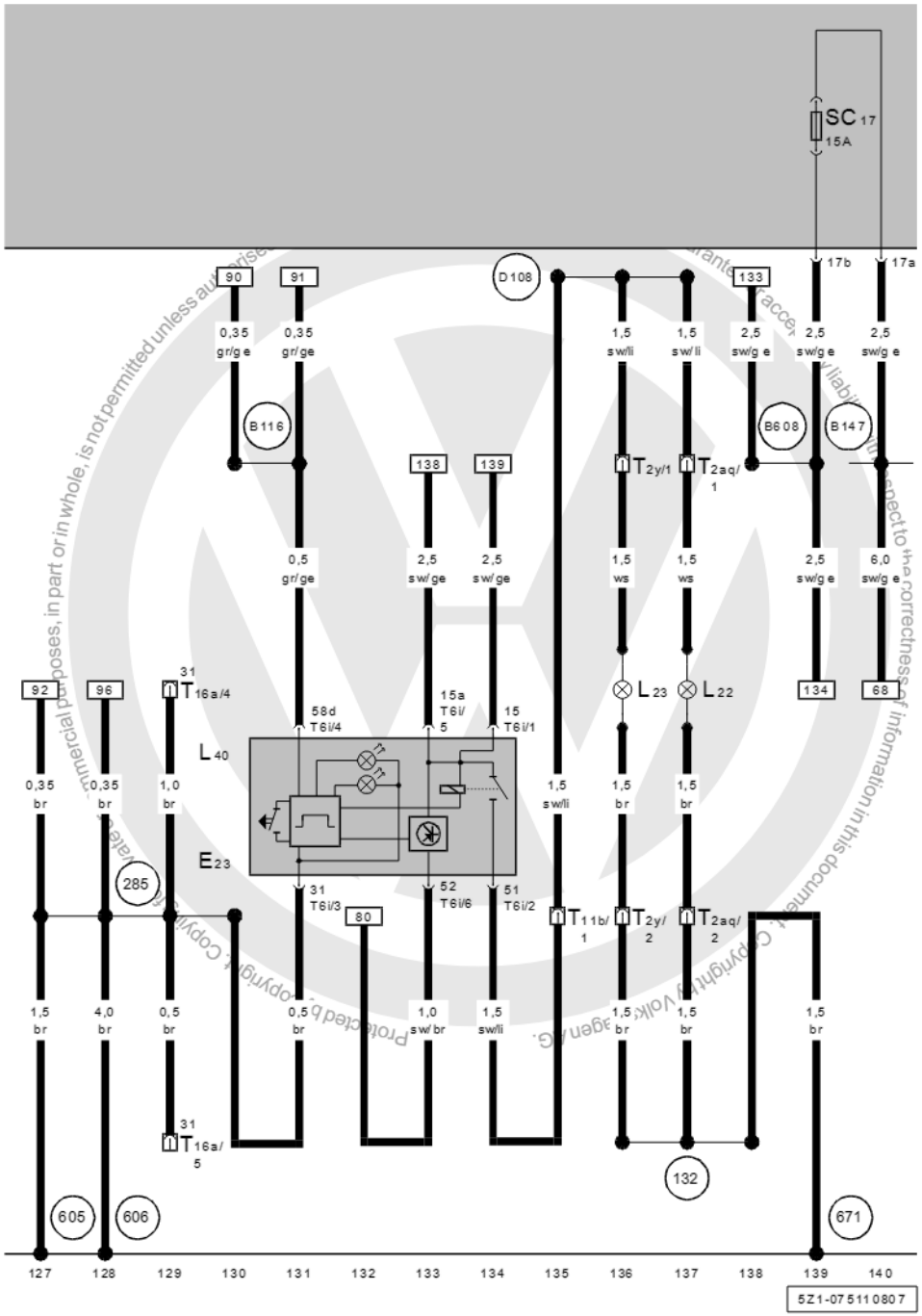


Front left side marker bulb, front right side marker bulb, front left turn signal bulb, left headlight dipped beam bulb, left main beam bulb, right main beam bulb

M1	Front left side marker bulb
M3	Front right side marker bulb
M5	Front left turn signal bulb
M29	Left dipped beam bulb
M30	Left main beam bulb
M32	Right main beam bulb
T10a	10-pin connector, on right headlight dipped beam bulb
T10b	10-pin connector, on left headlight dipped beam bulb
T12d	12-pin connector, white, in left engine compartment
D106	Connection 4, in engine compartment wiring harness
D107	Connection 5, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Front and rear fog light switch, left fog light bulb, right fog light bulb, front and rear fog light switch illumination bulb

E23	Front and rear fog light switch
L22	Left fog light bulb
L23	Right fog light bulb
L40	Front and rear fog light switch illumination bulb
SC17	Fuse 17 on fuse holder C
T2aq	2-pin connector, on left fog light bulb
T2y	2-pin connector, on right fog light bulb
T6i	6-pin connector, on front and rear fog light switch
T11b	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
132	Earth connection 3, in engine compartment wiring harness
285	Earth connection 7, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near selector lever
671	Earth point 1, on front of left longitudinal member
B116	Connection (58d), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness
B608	Connection 4, in interior wiring harness
D108	Connection 6, in engine compartment wiring harness

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Fog light switch (Europe)

from November 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

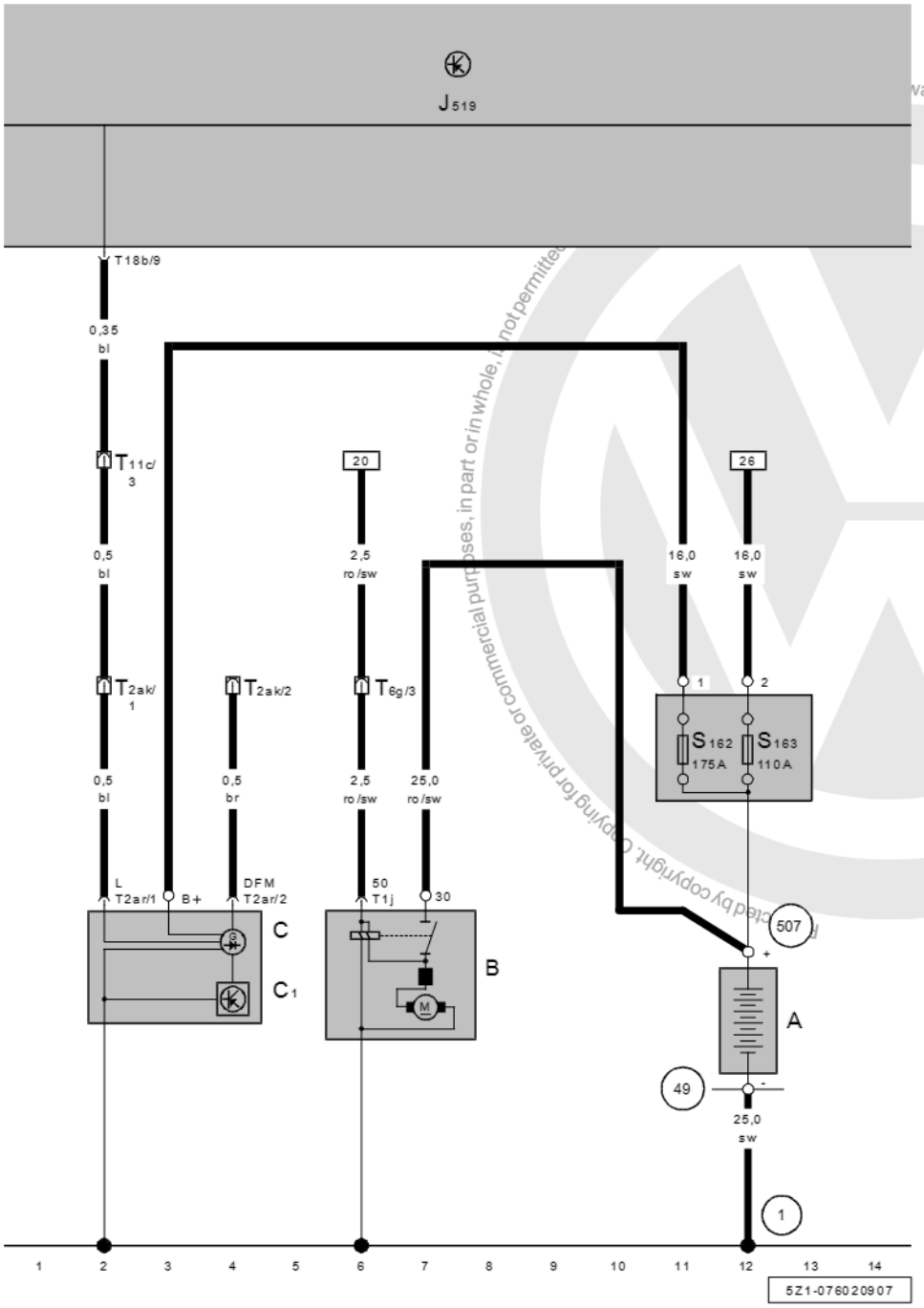
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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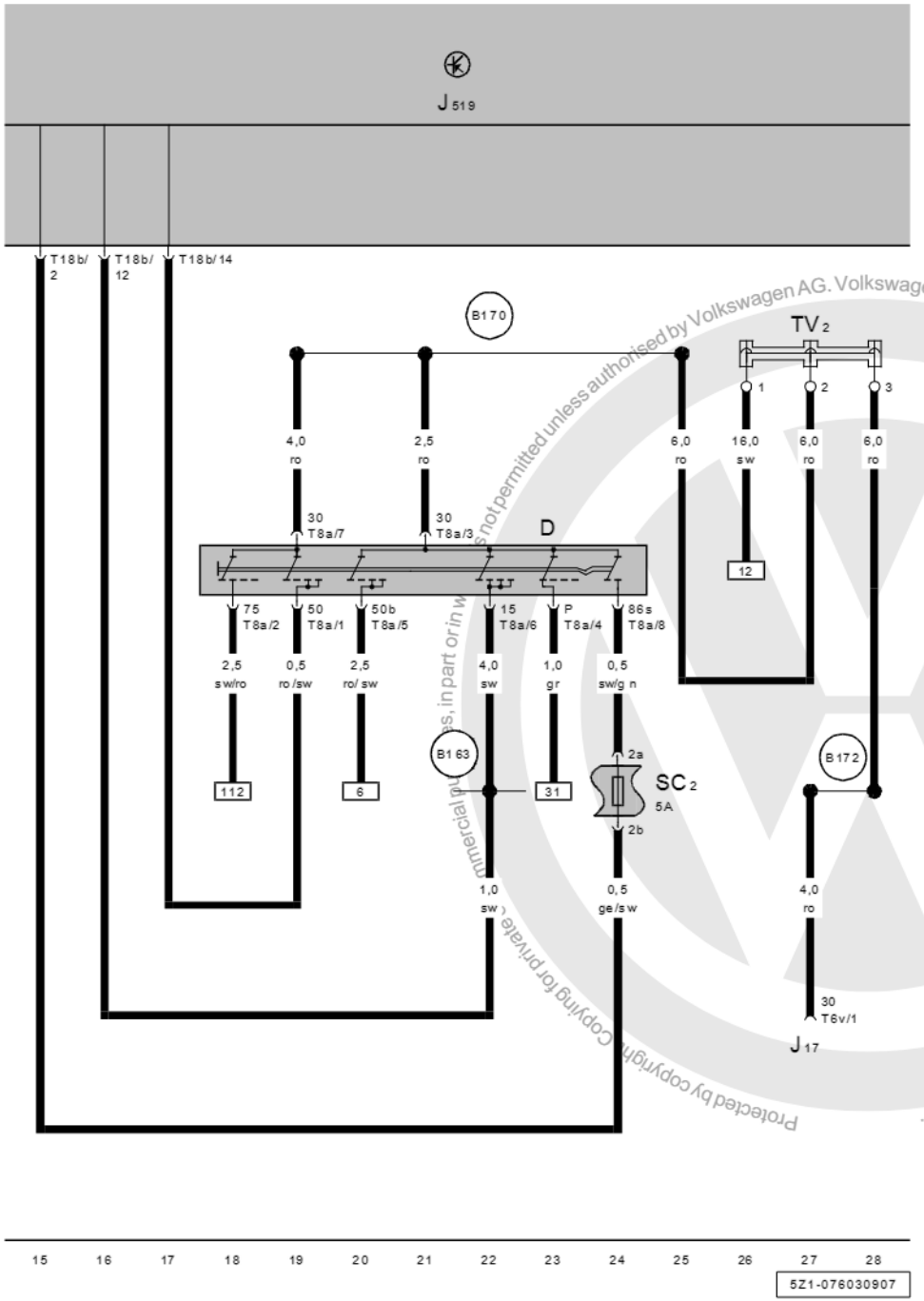


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
T18b	18-pin connector, on onboard supply control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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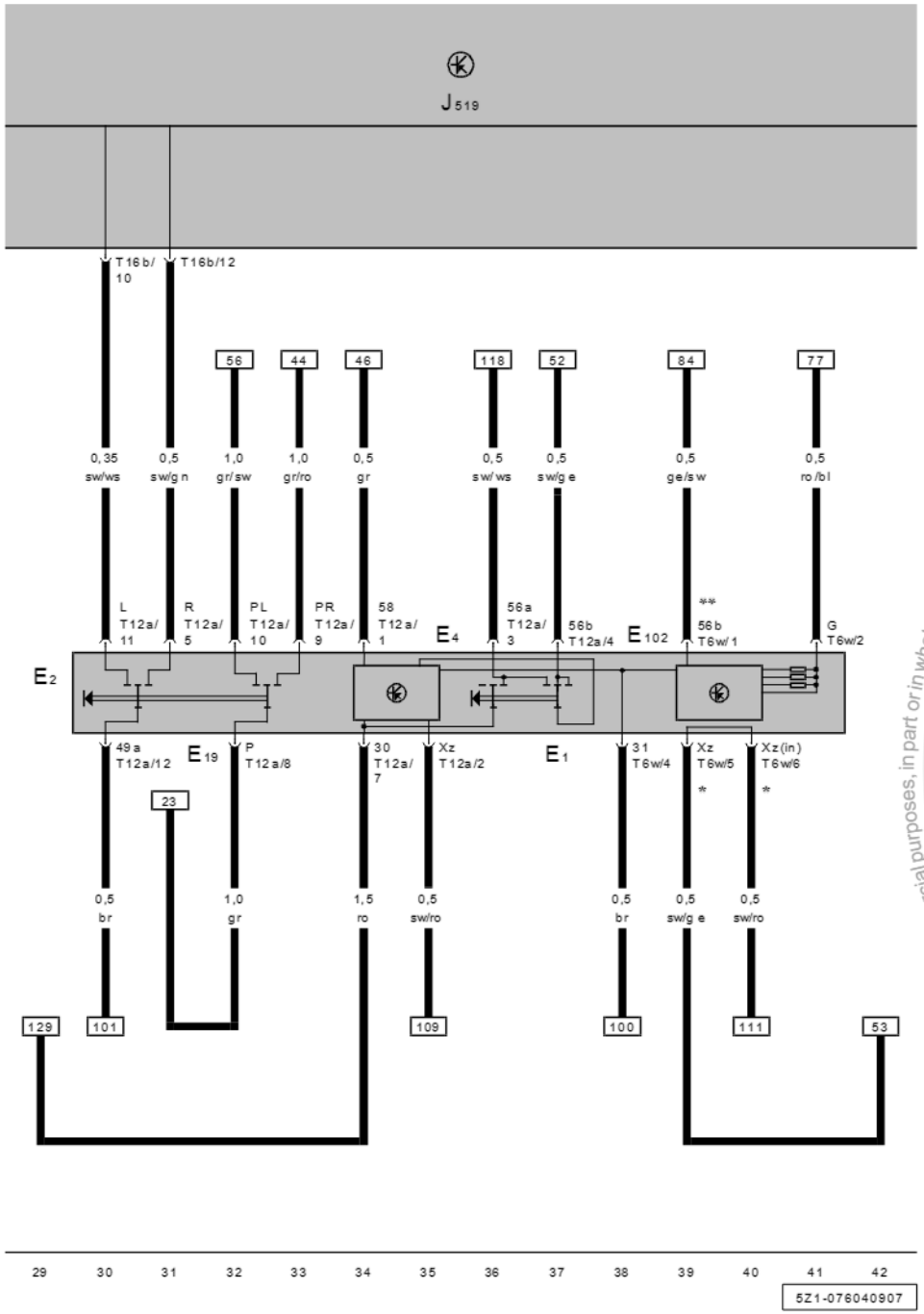


Ignition/starter switch, onboard supply control unit, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T6v	6-pin connector, on fuel pump relay
T8a	8-pin connector, on ignition/starter switch
T18b	18-pin connector, on onboard supply control unit
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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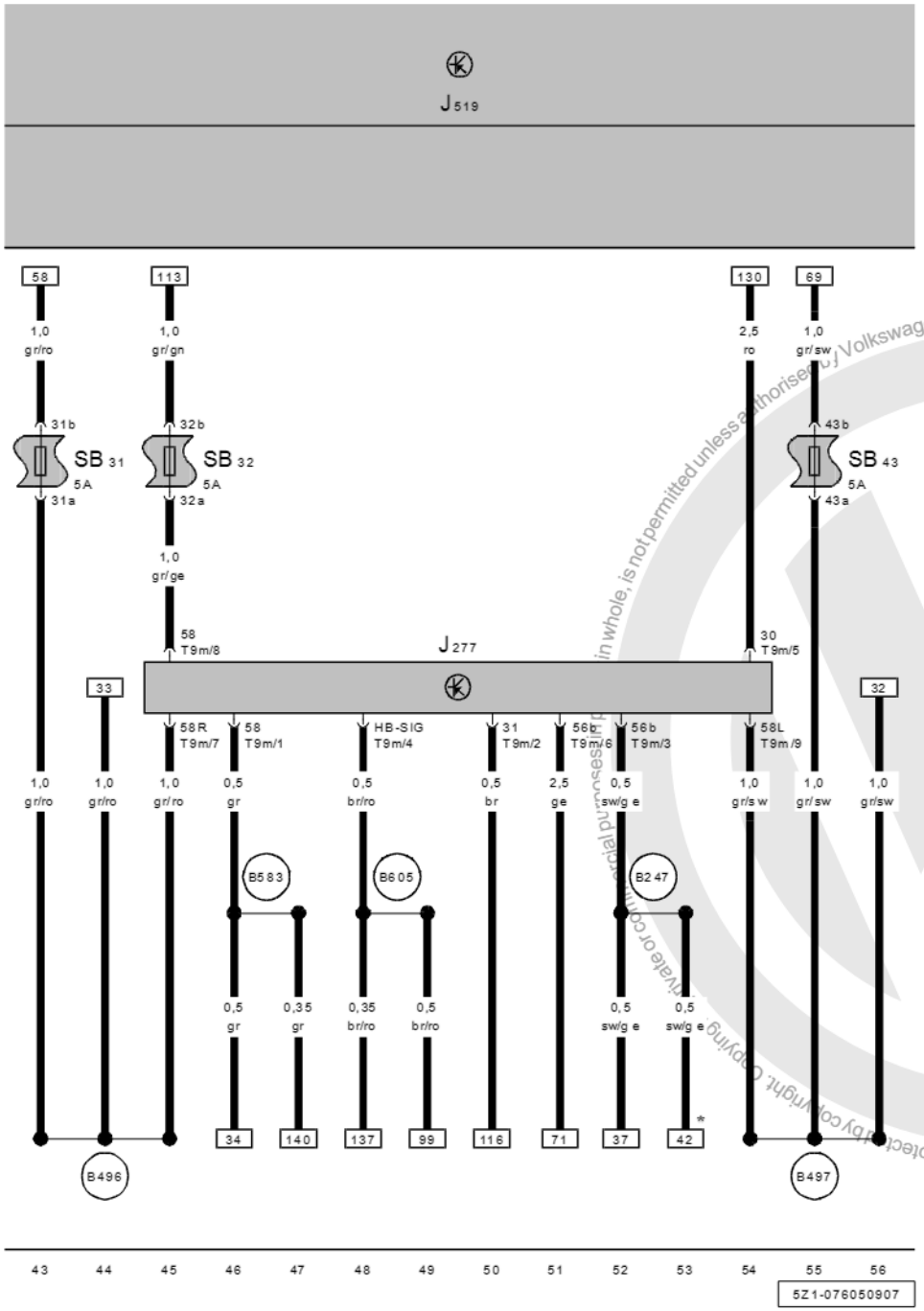


Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, headlight range control regulator

E1	Light switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
E102	Headlight range control regulator
J519	Onboard supply control unit
T6w	6-pin connector, on headlight range control regulator
T12a	12-pin connector, on light switch
T16b	16-pin connector, on onboard supply control unit
*	for models with day driving light
**	for models with parking light

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
ge	=	yellow
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rs	=	pink

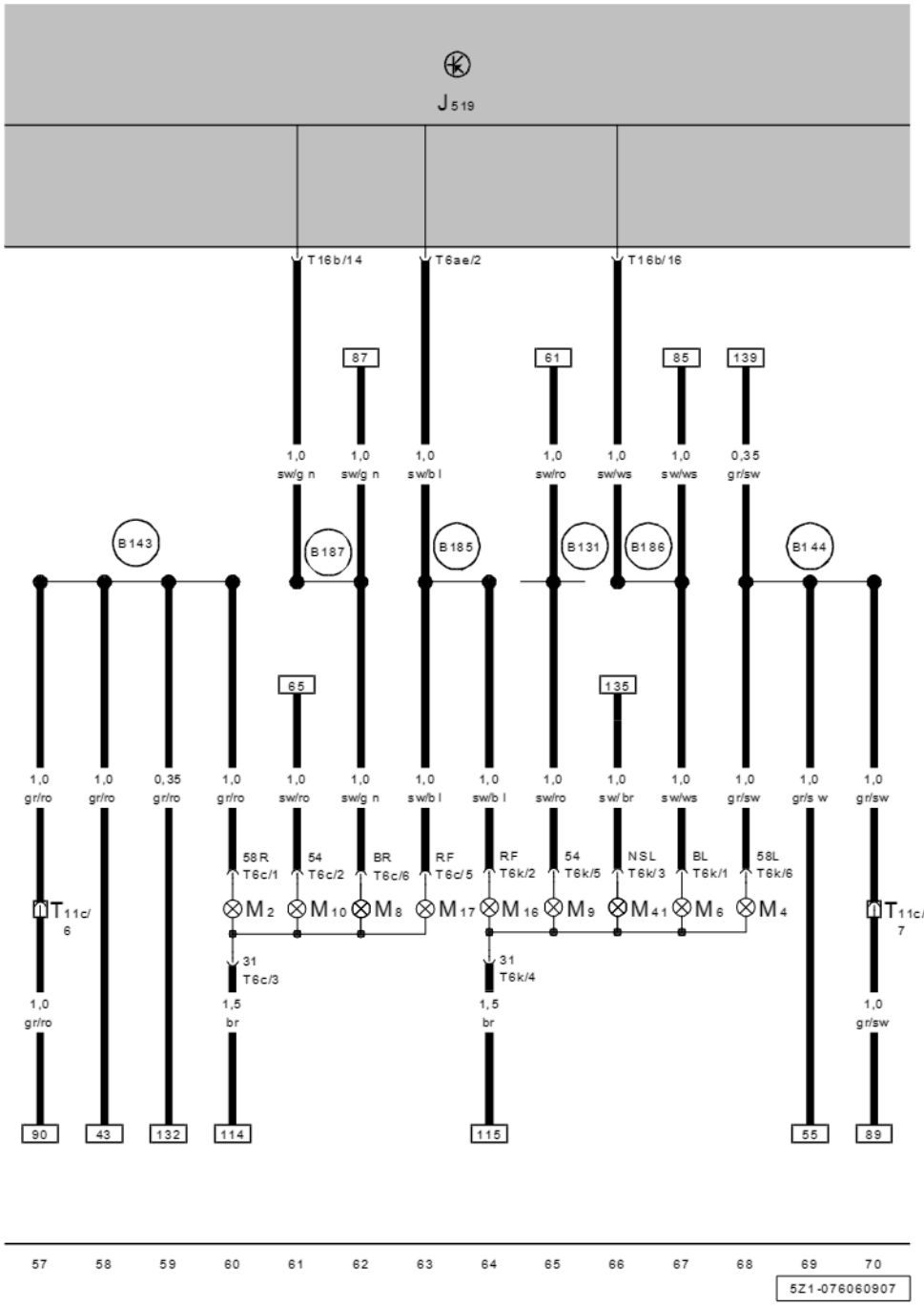


Onboard supply control unit, daytime running lights relay, side and tail lights

J519	Onboard supply control unit
J277	Daytime running lights relay, side and tail lights
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB43	Fuse 43 on fuse holder B
T9m	9-pin connector, on daytime running lights relay, side and tail lights
B247	Connection 2 (56b), in interior wiring harness
B496	Positive connection 4 (58R), in interior wiring harness
B497	Positive connection 2 (58L), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B605	Connection 1, in interior wiring harness
*	for models with day driving light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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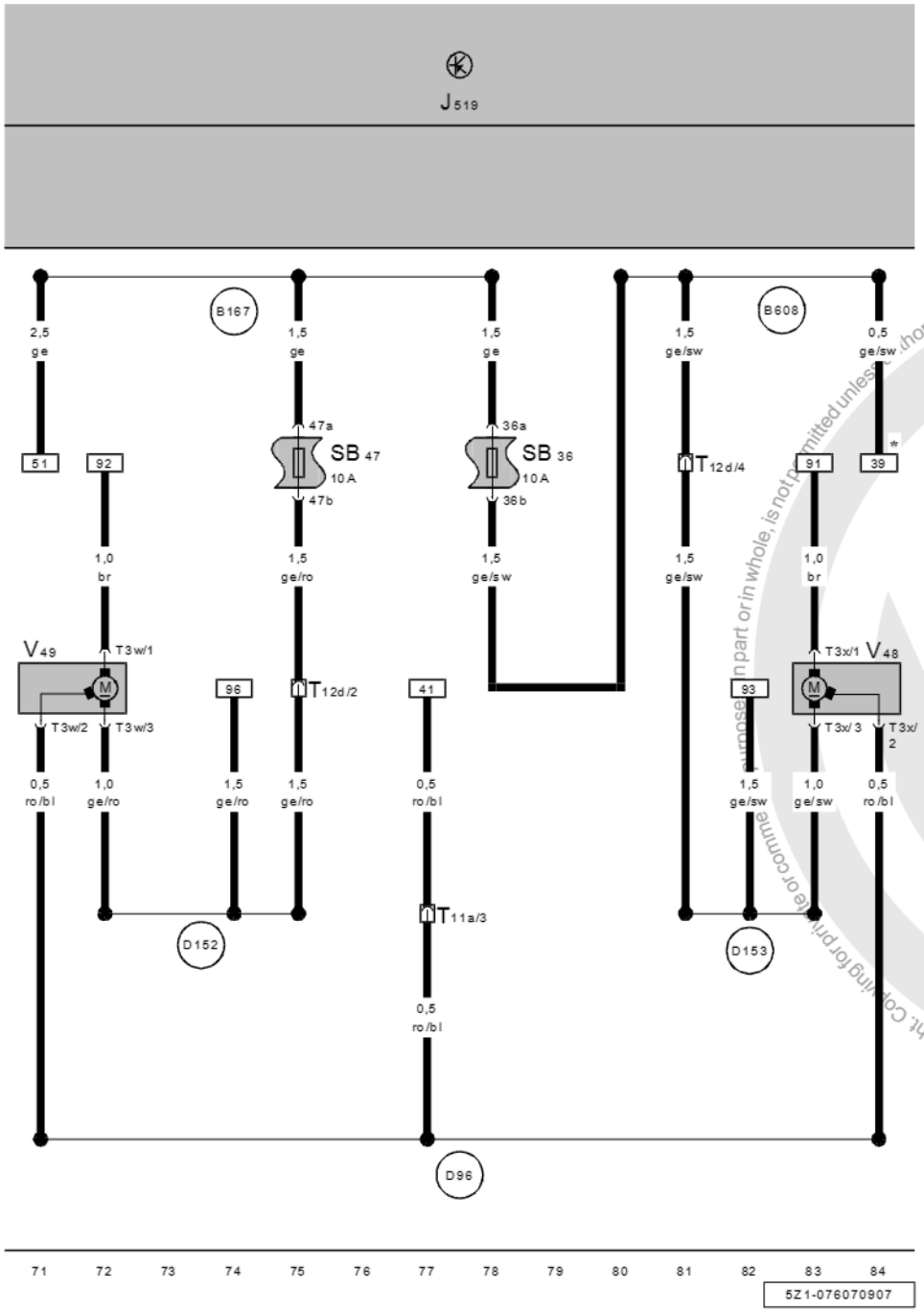


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Right tail light bulb, left tail light bulb, rear left turn signal bulb, rear right turn signal bulb, left brake light bulb, left reversing light bulb

J519	Onboard supply control unit
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M41	Left tail light and rear fog light bulb
T6ae	6-pin connector, on onboard supply control unit
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
T11c	11-pin connector, green, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
B131	Connection (54), in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B185	Connection 2 (54), in interior wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness

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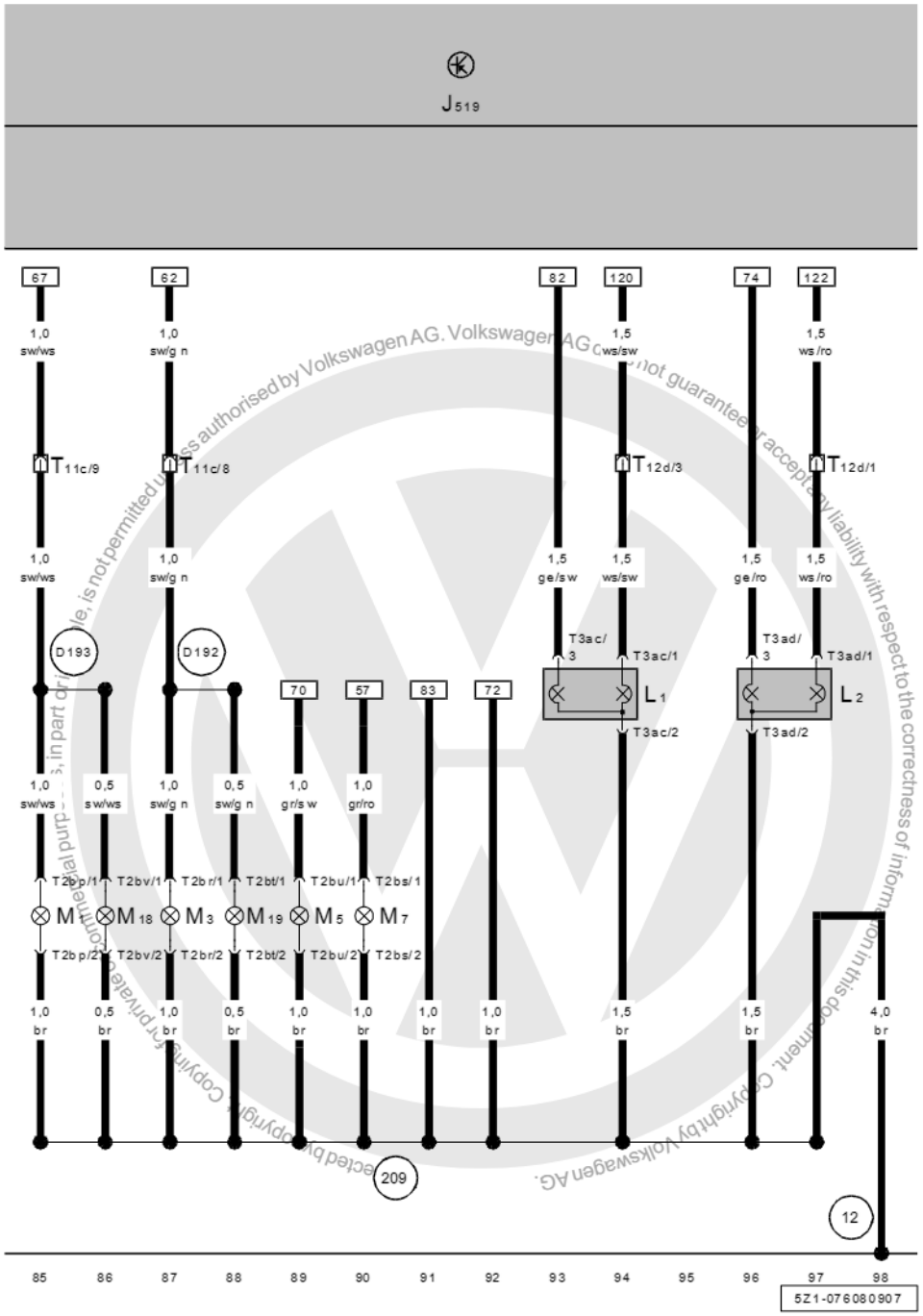


Onboard supply control unit, left headlight range control motor, right headlight range control motor

J519	Onboard supply control unit
SB36	Fuse 36 on fuse holder B
SB47	Fuse 47 on fuse holder B
T3x	3-pin connector, on left headlight range control motor
T3w	3-pin connector, on right headlight range control motor
T11a	11-pin connector, red, in left engine compartment
T12d	16-pin connector, on heater control unit
V48	Left headlight range control motor
V49	Right headlight range control motor
B167	Connection (56b), in interior wiring harness
B608	Connection 4, in interior wiring harness
D96	Connection (headlight range control), in engine compartment wiring harness
D152	Positive connection 1 (56b), in engine compartment wiring harness
D153	Positive connection 2 (56b), in engine compartment wiring harness
*	for models with parking light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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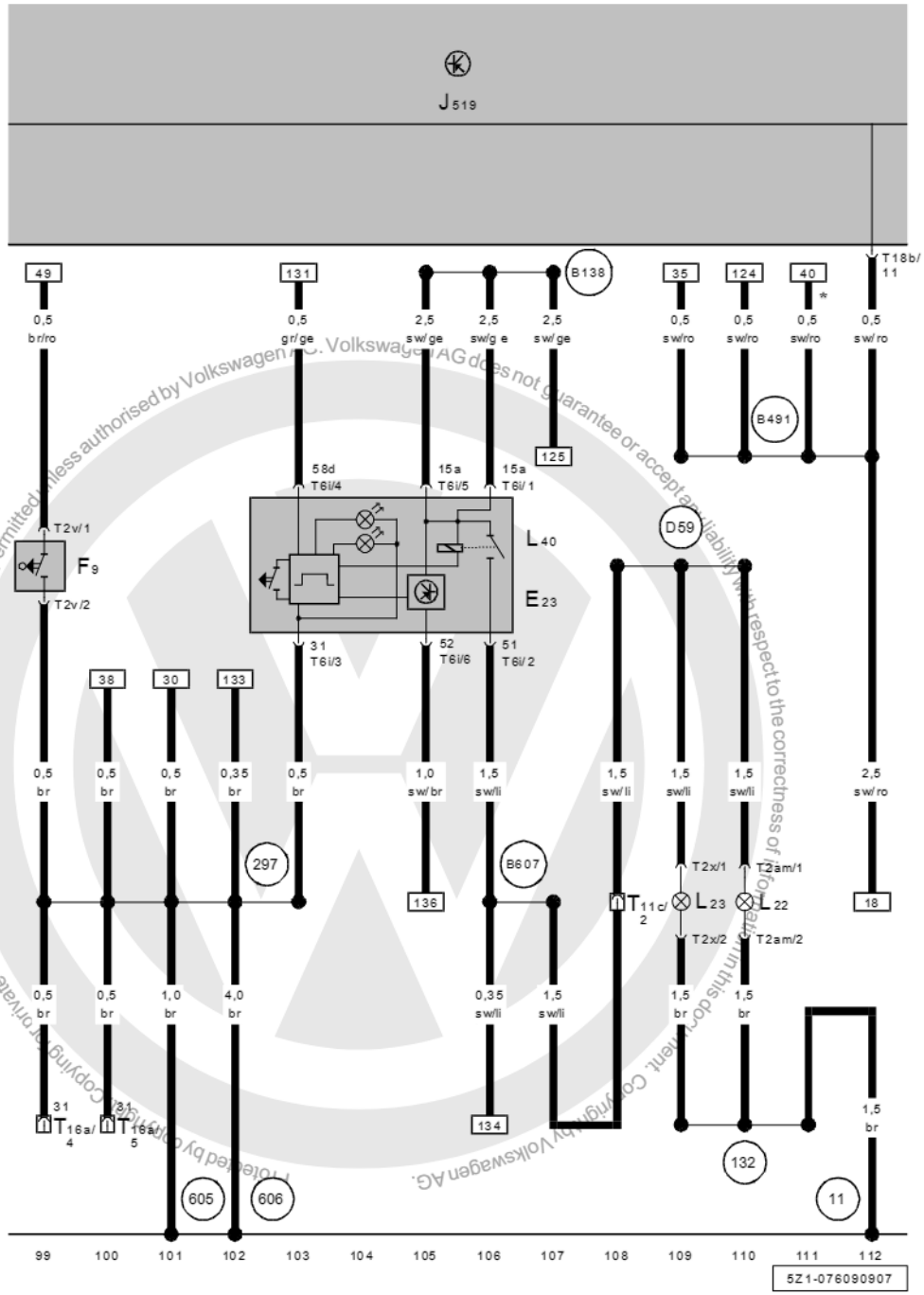


Left headlight twin filament bulb/left sealed beam insert, left side light bulb, front left turn signal bulb, right side light bulb, left side mounted turn signal bulb

J519	Onboard supply control unit
L1	Left headlight twin filament bulb/left sealed beam insert
L2	Right headlight twin filament bulb/right sealed beam insert
M1	Left side light bulb
M3	Right side light bulb
M5	Front left turn signal bulb
M7	Front right turn signal bulb
M18	Left side mounted turn signal bulb
M19	Right side mounted turn signal bulb
T2bp	2-pin connector, on left side light bulb
T2br	2-pin connector, on right side light bulb
T2bs	2-pin connector, on the front right turn signal bulb
T2bt	2-pin connector, on right side repeater turn signal bulb
T2bu	2-pin connector, on the front left turn signal bulb
T2bv	2-pin connector, on left side repeater turn signal bulb
T3ac	3-pin connector, on left headlight twin filament bulb/left sealed beam insert
T3ad	3-pin connector, on right headlight twin filament bulb/right sealed beam insert
T11c	11-pin connector, green, in left engine compartment
T12d	12-pin connector, white, in left engine compartment
12	Earth point, on left in engine compartment
209	Earth connection 6, in engine compartment wiring harness
D192	Connection 1 (RTS), in engine compartment wiring harness
D193	Connection 1 (LTS), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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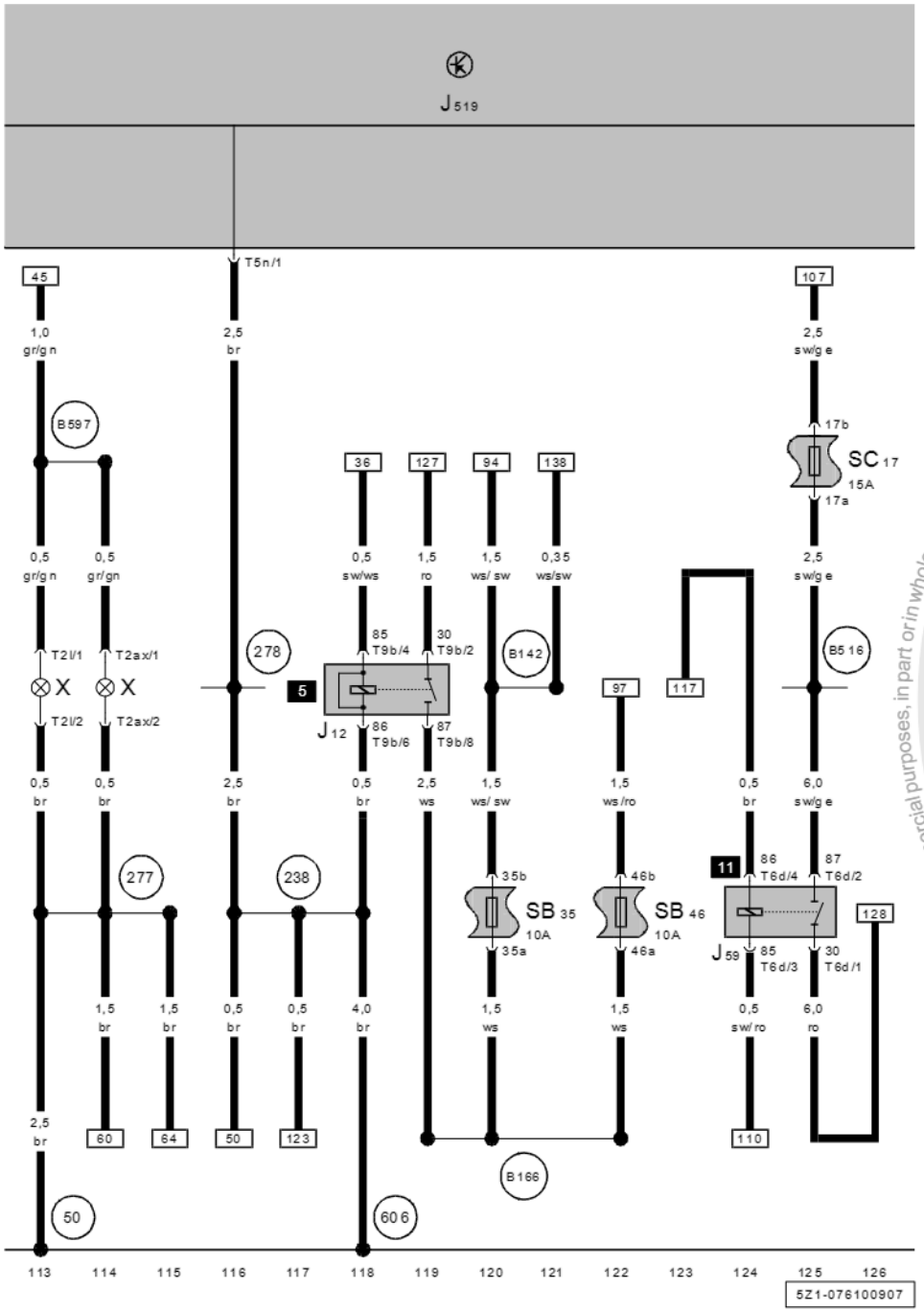


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Front and rear fog light switch, handbrake warning switch, left fog light bulb

E23	Front and rear fog light switch
F9	Handbrake warning switch
J519	Onboard supply control unit
L22	Left fog light bulb
L23	Right fog light bulb
L40	Front and rear fog light switch illumination bulb
T2am	2-pin connector, on left fog light bulb
T2v	2-pin connector, on handbrake warning switch
T2x	2-pin connector, on right fog light bulb
T6i	6-pin connector, on front and rear fog light switch
T11c	11-pin connector, green, in left engine compartment
T16a	16-pin connector, on fuse holder
T18b	18-pin connector, on onboard supply control unit
11	Earth point, in battery box
132	Earth connection 3, in engine compartment wiring harness
297	Earth connection 12, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near selector lever
B138	Positive connection (X), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B607	Connection 3, in interior wiring harness
D59	Connection (fog light), in engine compartment wiring harness
*	for models with day driving light

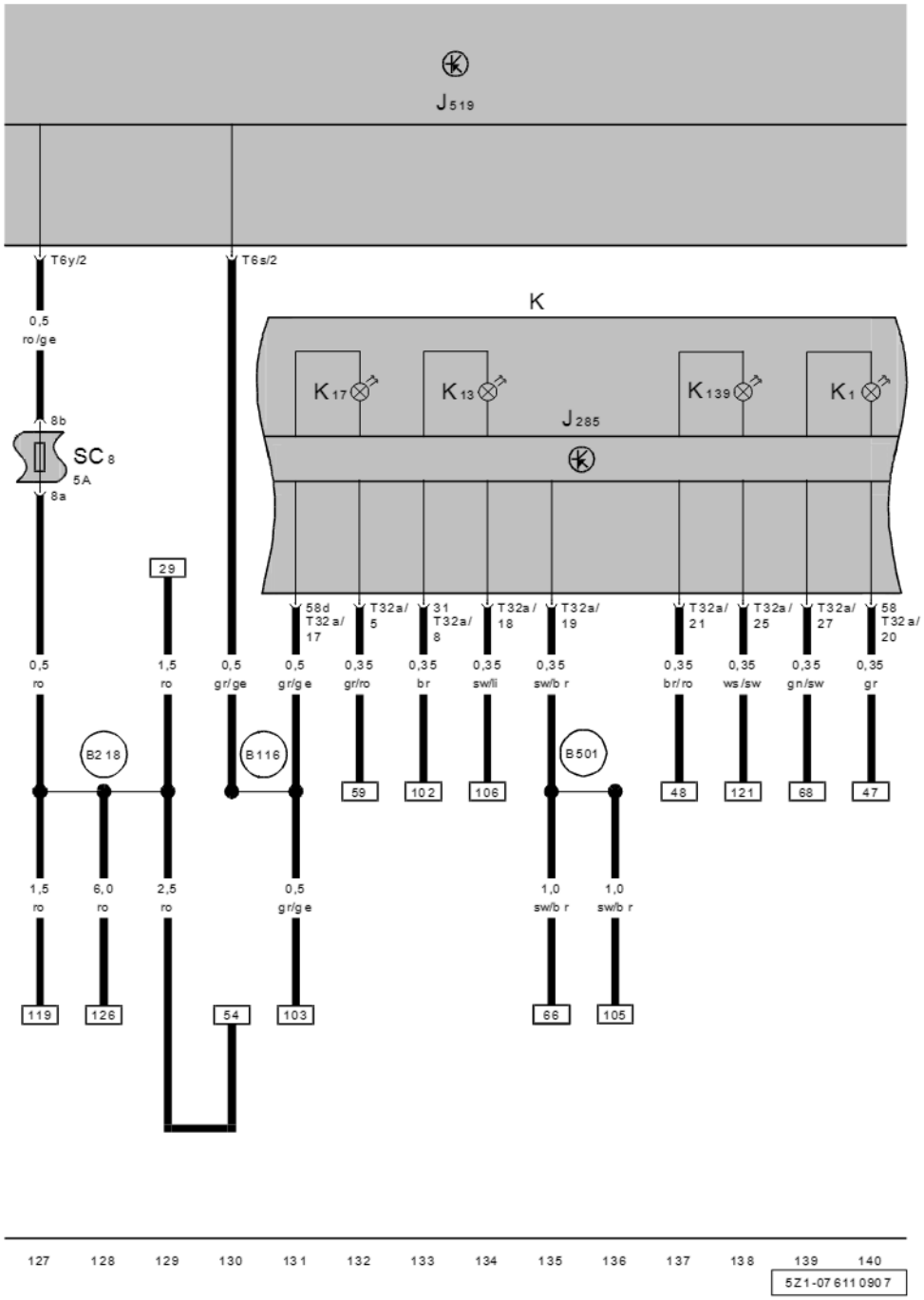


Headlight main beam relay, X-contact relief relay, onboard supply control unit, number plate light

J12	Headlight main beam relay
J59	X-contact relief relay
J519	Onboard supply control unit
SC17	Fuse 17 on fuse holder C
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T2ax	2-pin connector, on number plate light
T2l	2-pin connector, on number plate light
T5n	5-pin connector, on onboard supply control unit
T6d	6-pin connector, on X-contact relief relay
T9b	9-pin connector, on headlight main beam relay
X	Number plate light
50	Earth points, on left in luggage compartment
238	Earth connection 1, in interior wiring harness
277	Earth connection 3, in interior wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near selector lever
B142	Positive connection 2 (56a), in interior wiring harness
B166	Connection (56a), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
B597	Positive connection 1 (58a), in interior wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Control unit with display in dash panel insert, dash panel insert, main beam warning lamp, rear fog light warning lamp, fog light warning lamp

J285	Control unit with display in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
K139	Handbrake warning lamp
SC8	Fuse 8 on fuse holder C
T6s	6-pin connector, on onboard supply control unit
T6y	6-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
B116	Connection (58d), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
B501	Positive connection (83b), in interior wiring harness

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1.9 l - SDI - 47 kW, engine code ASY

from December 2007

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

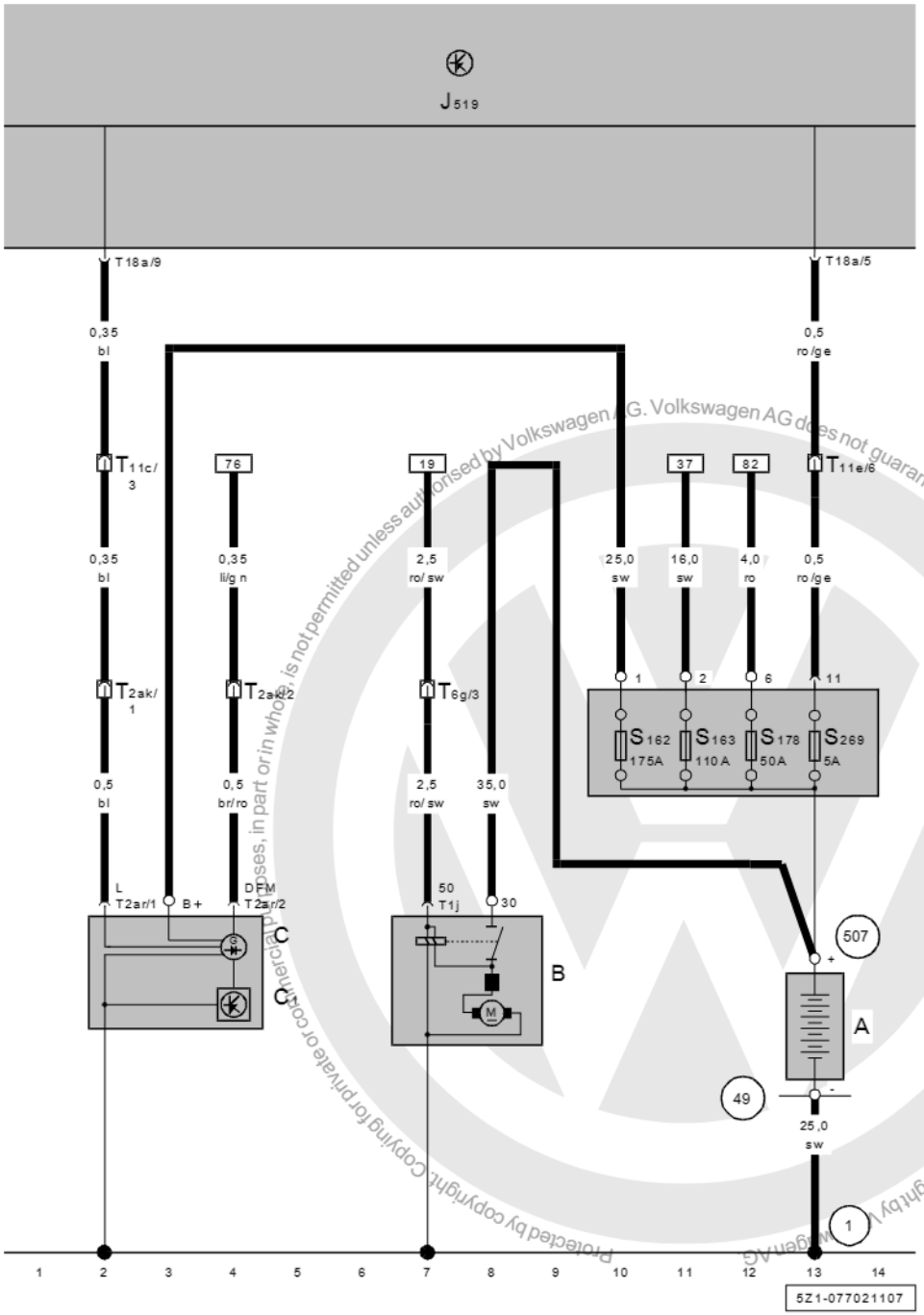
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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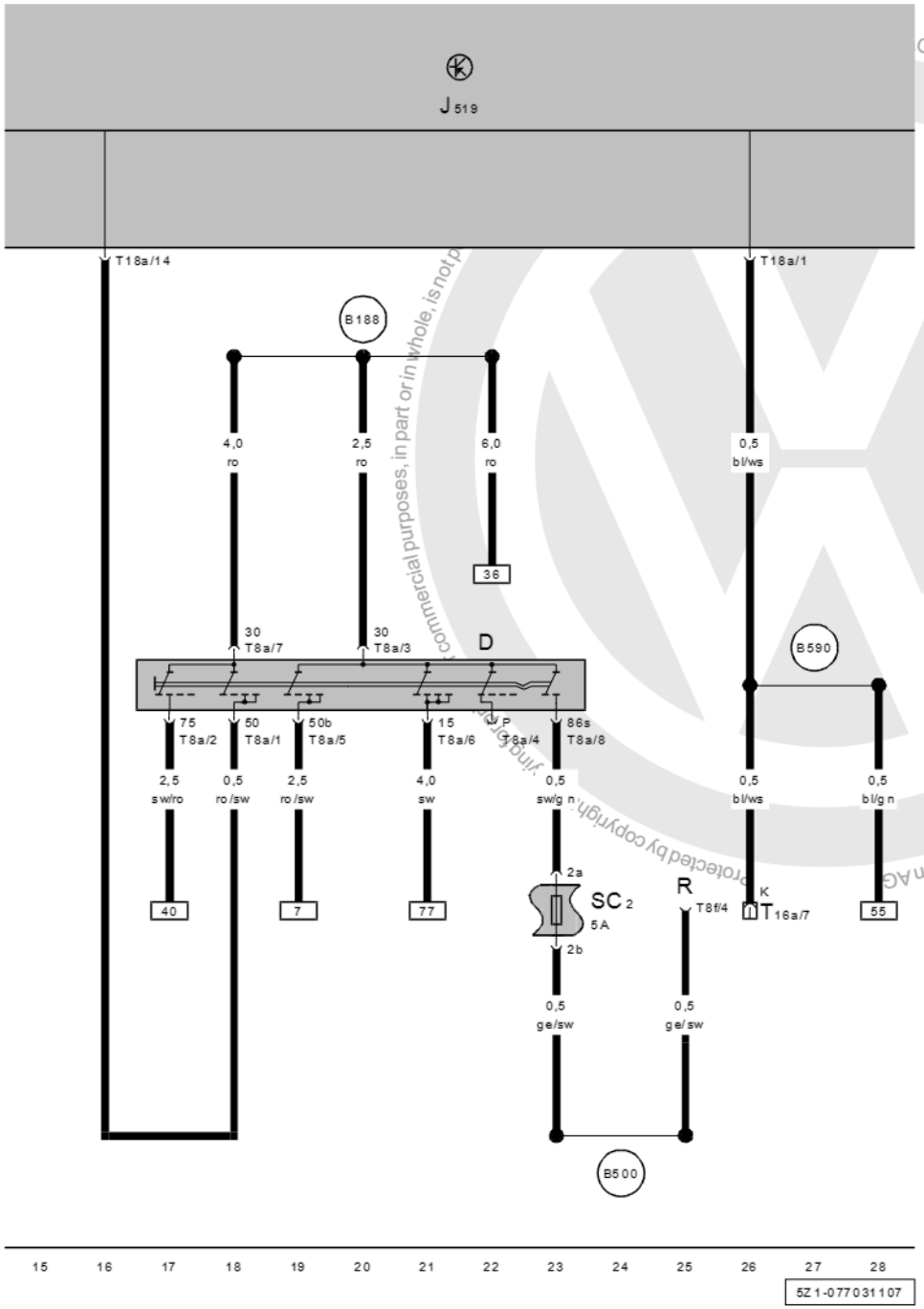


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Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S178	Fuse 6 (30) in fuse holder on battery
S269	Fuse 11 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

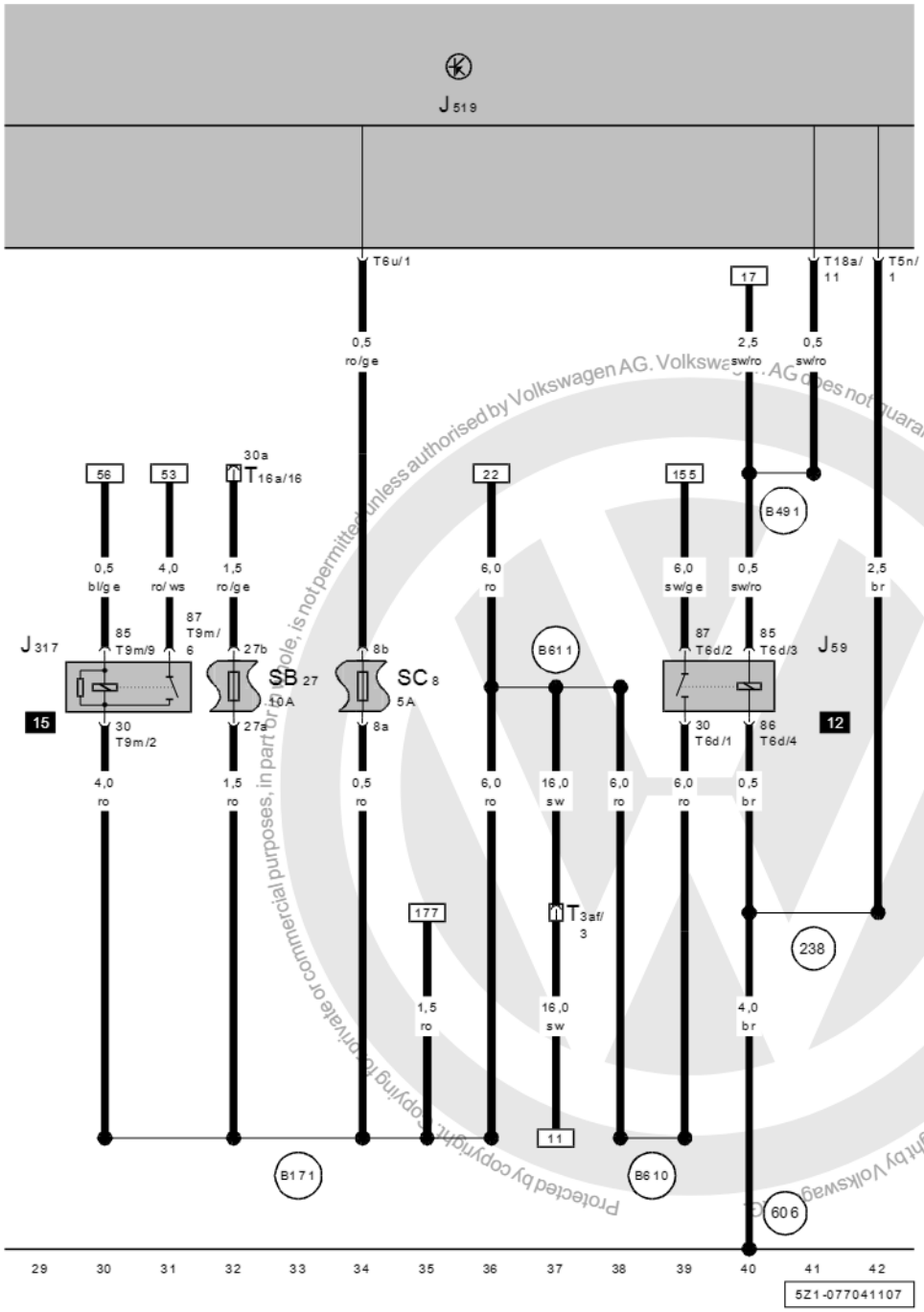


Ignition/starter switch, onboard supply control unit

D	Ignition/starter switch
J519	Onboard supply control unit
R	Radio
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T8f	8-connector, on radio
T16a	16-pin connector, diagnostic
T18a	18-pin connector, on onboard supply control unit
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness

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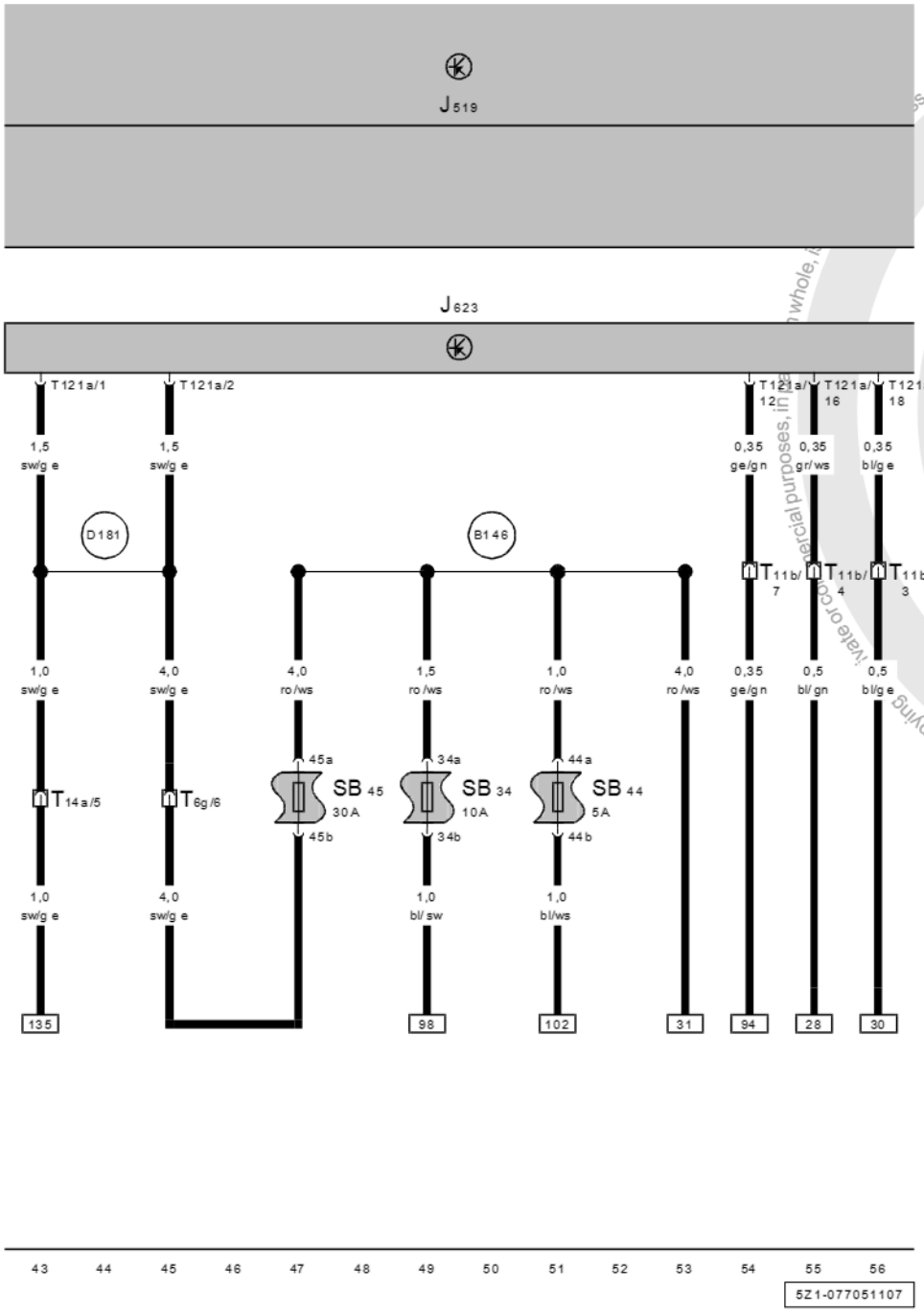


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X-contact relief relay, terminal 30 voltage supply relay, onboard supply control unit

J59	X-contact relief relay
J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SB27	Fuse 27 on fuse holder B
SC8	Fuse 8 on fuse holder C
T3af	3-pin connector, in left engine compartment
T5n	5-pin connector, on onboard supply control unit
T6d	6-pin connector, on X-contact relief relay
T6u	6-pin connector, on onboard supply control unit
T9m	9-pin connector, on terminal 30 voltage supply relay
T16a	16-pin connector, diagnostic
T18a	18-pin connector, on onboard supply control unit
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B171	Positive connection 3 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B610	Connection 6, in interior wiring harness
B611	Connection 7, in interior wiring harness

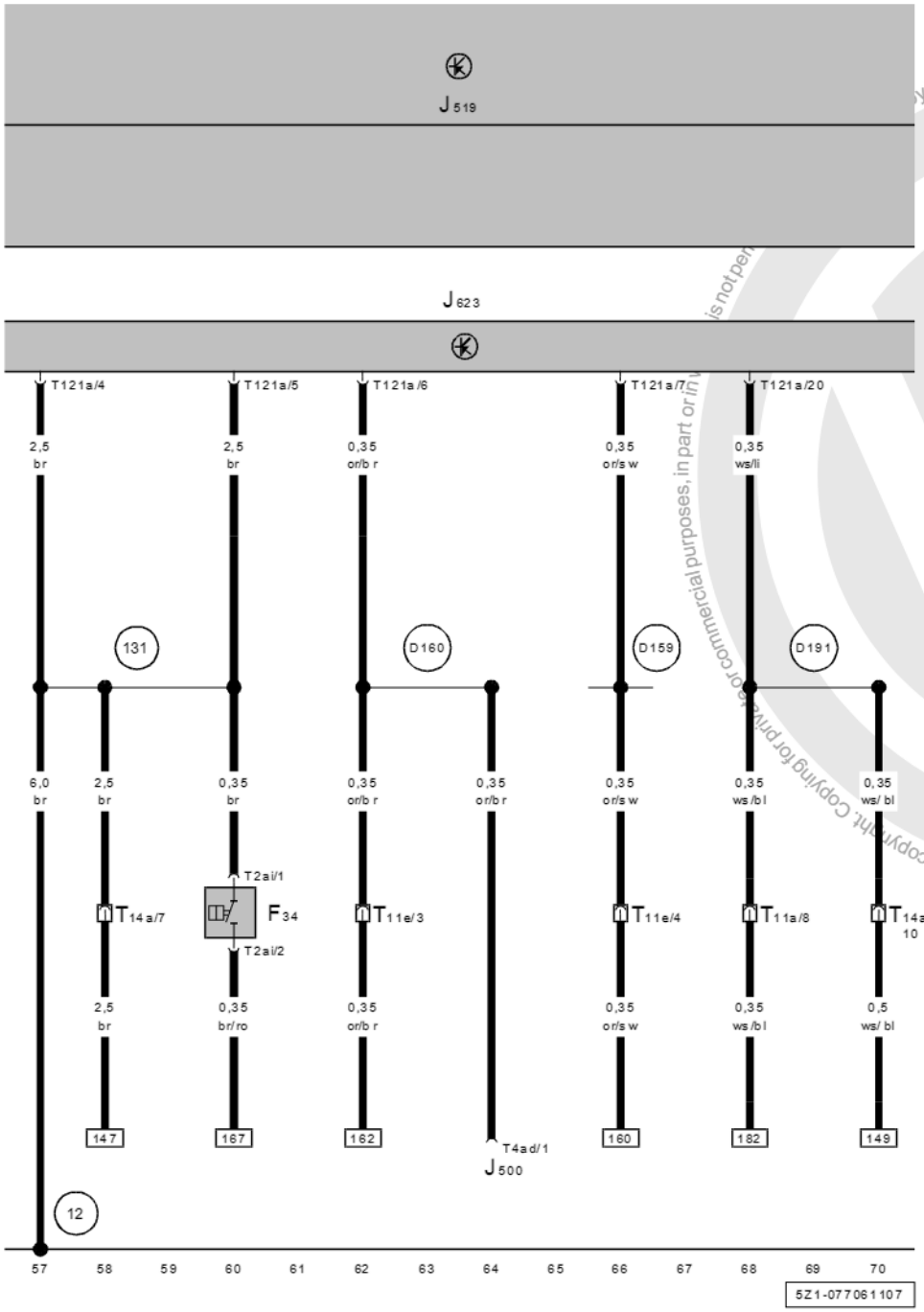


Onboard supply control unit, engine control unit

J519	Onboard supply control unit
J623	Engine control unit
SB34	Fuse 34 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
T6g	6-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T121a	121-pin connector, on engine control unit
B146	Positive connection 1 (87), in interior wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness

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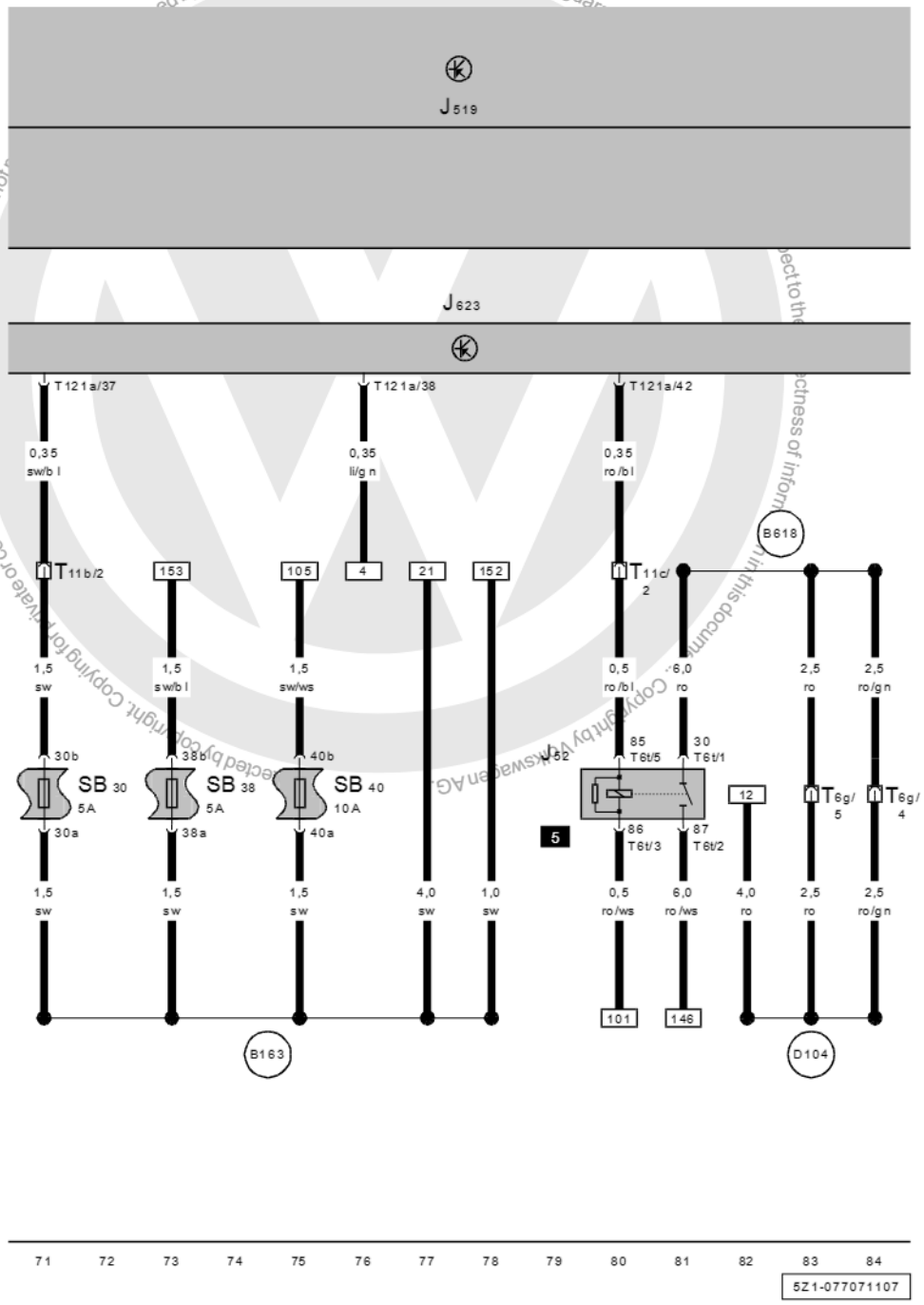


Brake fluid level warning contact, onboard supply control unit, engine control unit

F34	Brake fluid level warning contact
J500	Power steering control unit
J519	Onboard supply control unit
J623	Engine control unit
T2ai	2-pin connector, on brake fluid level warning contact
T4ad	4-pin connector, on power steering control unit
T11a	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T121a	121-pin connector, on engine control unit
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
D191	Connection (speedometer sender), in engine compartment wiring harness

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rt	=	red
br	=	brown
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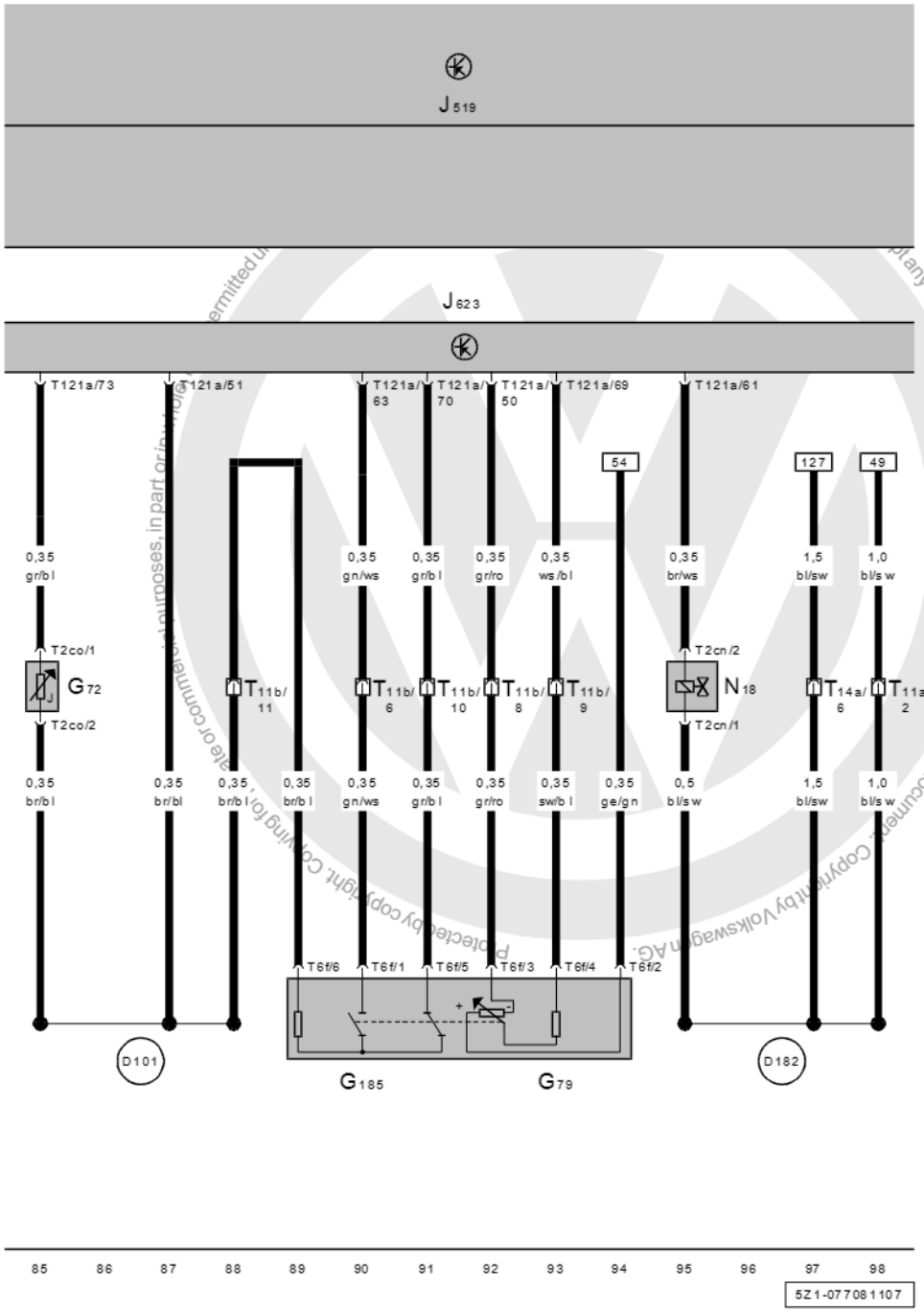
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Glow plug relay, onboard supply control unit, engine control unit

J52	Glow plug relay
J519	Onboard supply control unit
J623	Engine control unit
SB30	Fuse 30 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
T6g	6-pin connector, in left engine compartment
T6t	6-pin connector, on glow plug relay
T11b	11-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T121a	121-pin connector, on engine control unit
B163	Positive connection 1 (15), in interior wiring harness
B618	Positive connection 13 (30a), in interior wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness

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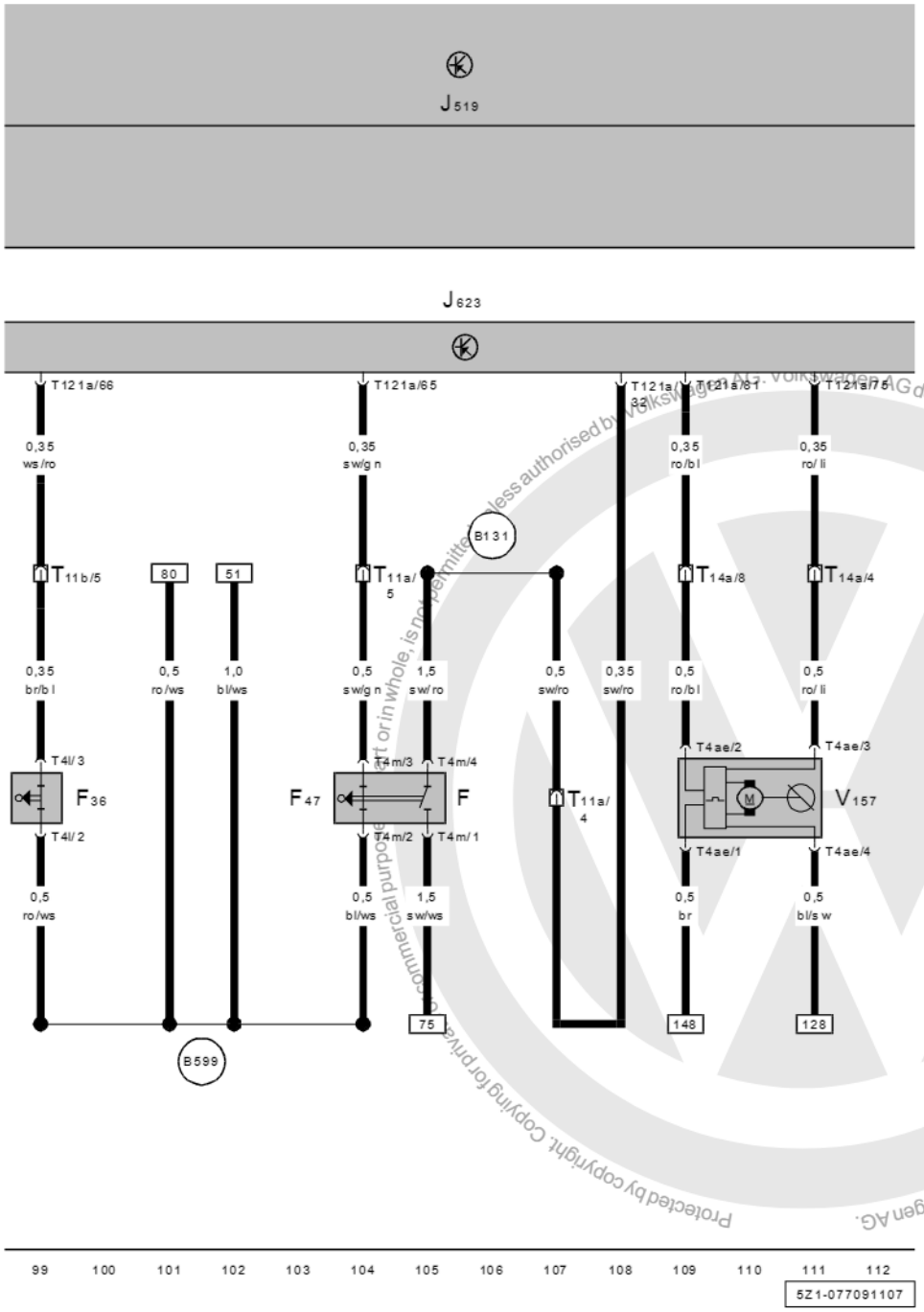


Intake manifold temperature sender, accelerator position sender, accelerator position sender 2, onboard supply control unit

G72	Intake manifold temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J519	Onboard supply control unit
J623	Engine control unit
N18	Exhaust gas recirculation valve
T2cn	2-pin connector, on exhaust gas recirculation valve
T2co	2-pin connector, on intake manifold temperature sender
T6f	6-pin connector, on accelerator position sender
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T121a	121-pin connector, on engine control unit
D101	Connection 1, in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness

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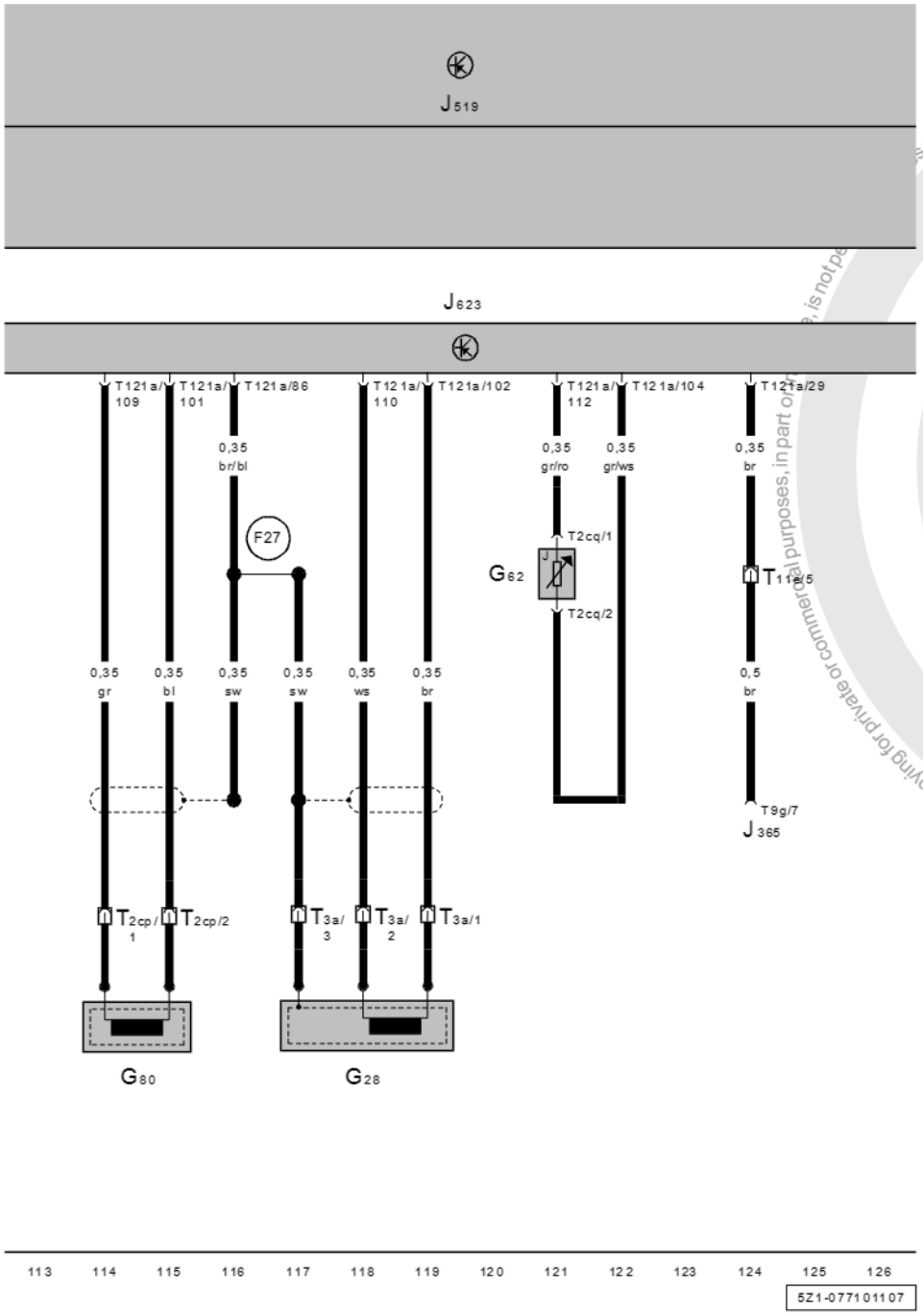


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
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li = purple
vi = purple
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or = orange
rs = pink

Brake light switch, clutch pedal switch, brake pedal switch, onboard supply control unit, engine control unit

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J519	Onboard supply control unit
J623	Engine control unit
T4l	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake pedal switch
T4ae	4-pin connector, on intake manifold flap motor
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T121a	121-pin connector, on engine control unit
V157	Intake manifold flap motor
B131	Connection (54), in interior wiring harness
B599	Positive connection 3 (87a), in interior wiring harness

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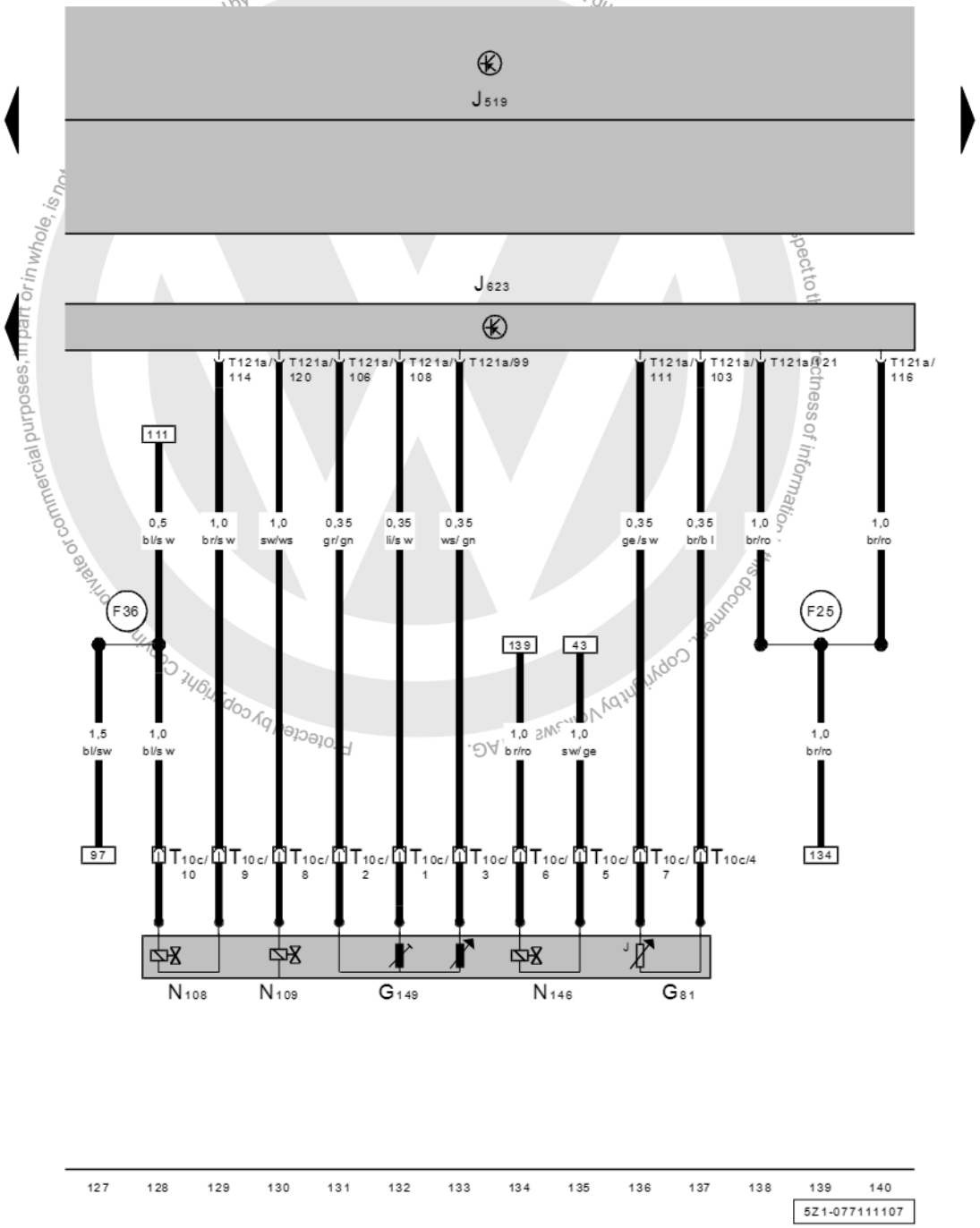


Engine speed sender, coolant temperature display sender, needle lift sender, onboard supply control unit, engine control unit

G28	Engine speed sender
G62	Coolant temperature display sender
G80	Needle lift sender
J365	Air conditioning system switch-off relay
J519	Onboard supply control unit
J623	Engine control unit
T2cp	2-pin connector, on needle lift sender
T2cq	2-pin connector, on coolant temperature display sender
T3a	3-pin connector, on engine speed sender
T9g	9-pin connector, on air conditioning system switch-off relay
T11e	11-pin connector, in left engine compartment
T121a	121-pin connector, on engine control unit
F27	Connection (screening), in diesel direct injection wiring harness

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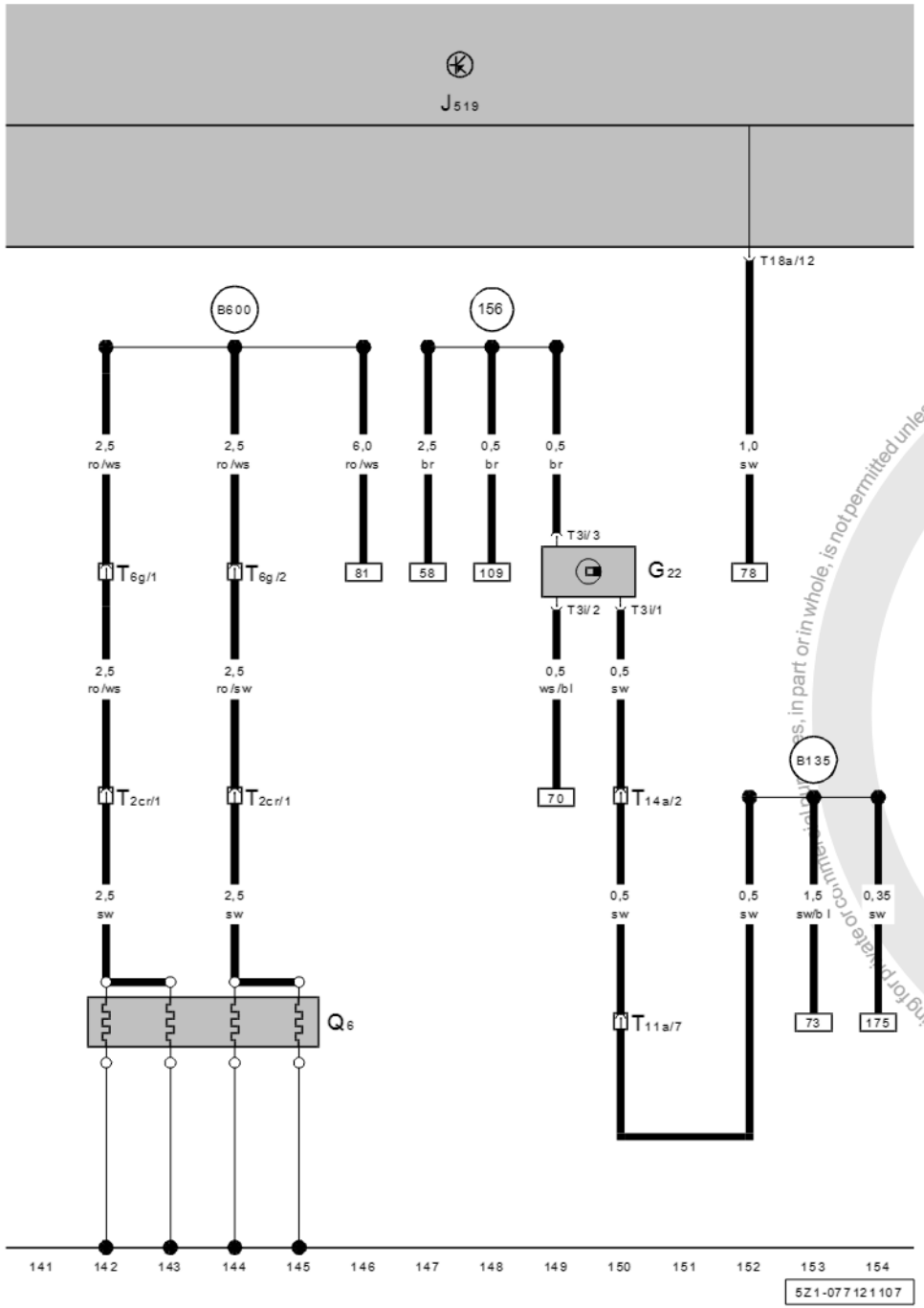


Fuel temperature sender, modulating piston movement sender, onboard supply control unit, commencement of injection valve, fuel shut-off valve

G81	Fuel temperature sender
G149	Modulating piston movement sender
J519	Onboard supply control unit
J623	Engine control unit
N108	Commencement of injection valve
N109	Fuel shut-off valve
N146	Metering adjuster (diesel injection)
T10c	10-pin connector, in engine compartment
T121a	121-pin connector, on engine control unit
F25	Connection 1, in diesel direct injection system wiring harness
F36	Connection (87a), in diesel direct injection system wiring harness

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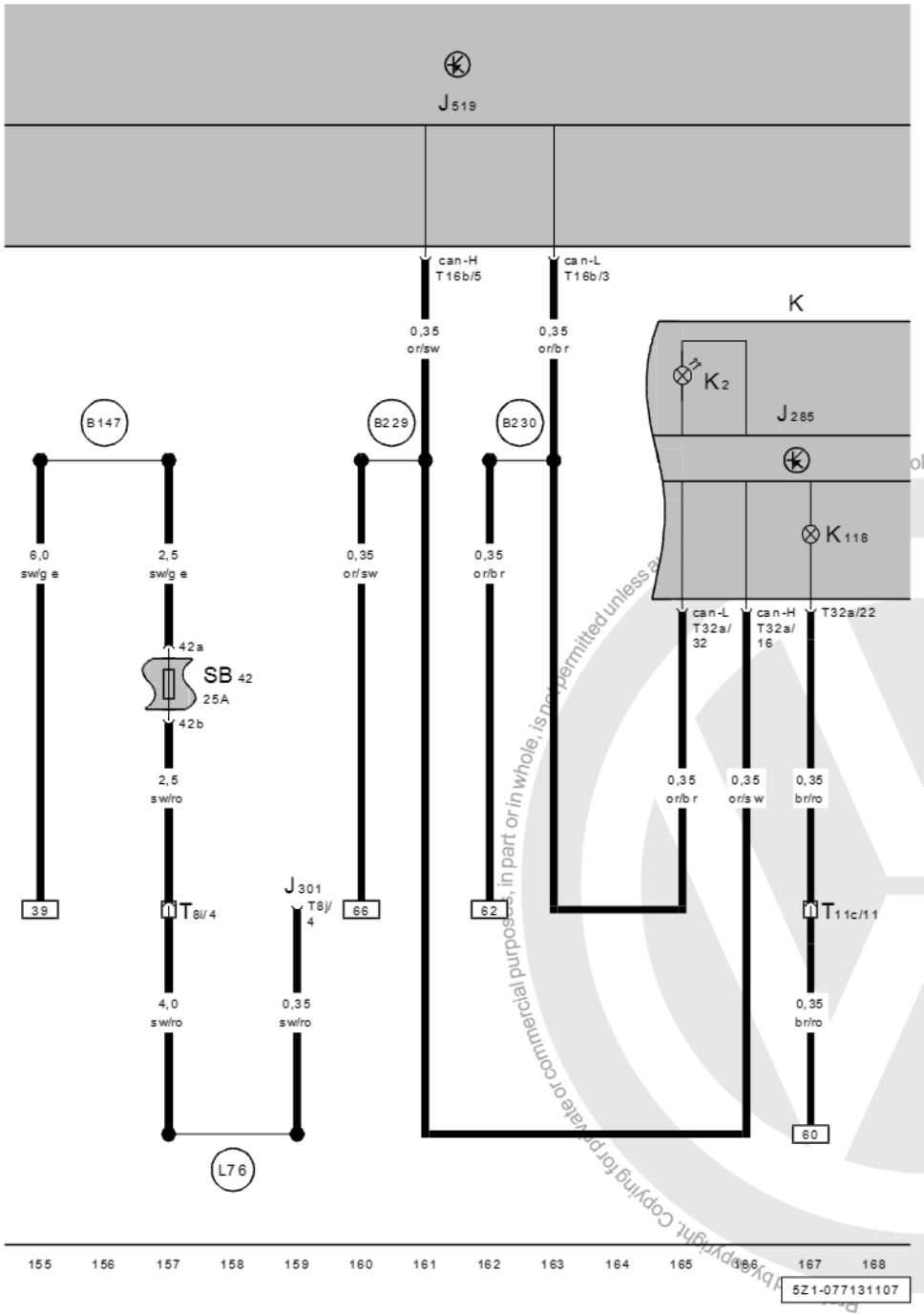


Speedometer sender, onboard supply control unit, engine glow plug

G22	Speedometer sender
J519	Onboard supply control unit
Q6	Engine glow plug
T2cr	2-pin connector, in left engine compartment
T3i	3-pin connector, on speedometer sender
T6g	6-pin connector, in left engine compartment
T11a	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
156	Earth connection, in diesel direct injection wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
B600	Positive connection 4 (87a), in interior wiring harness

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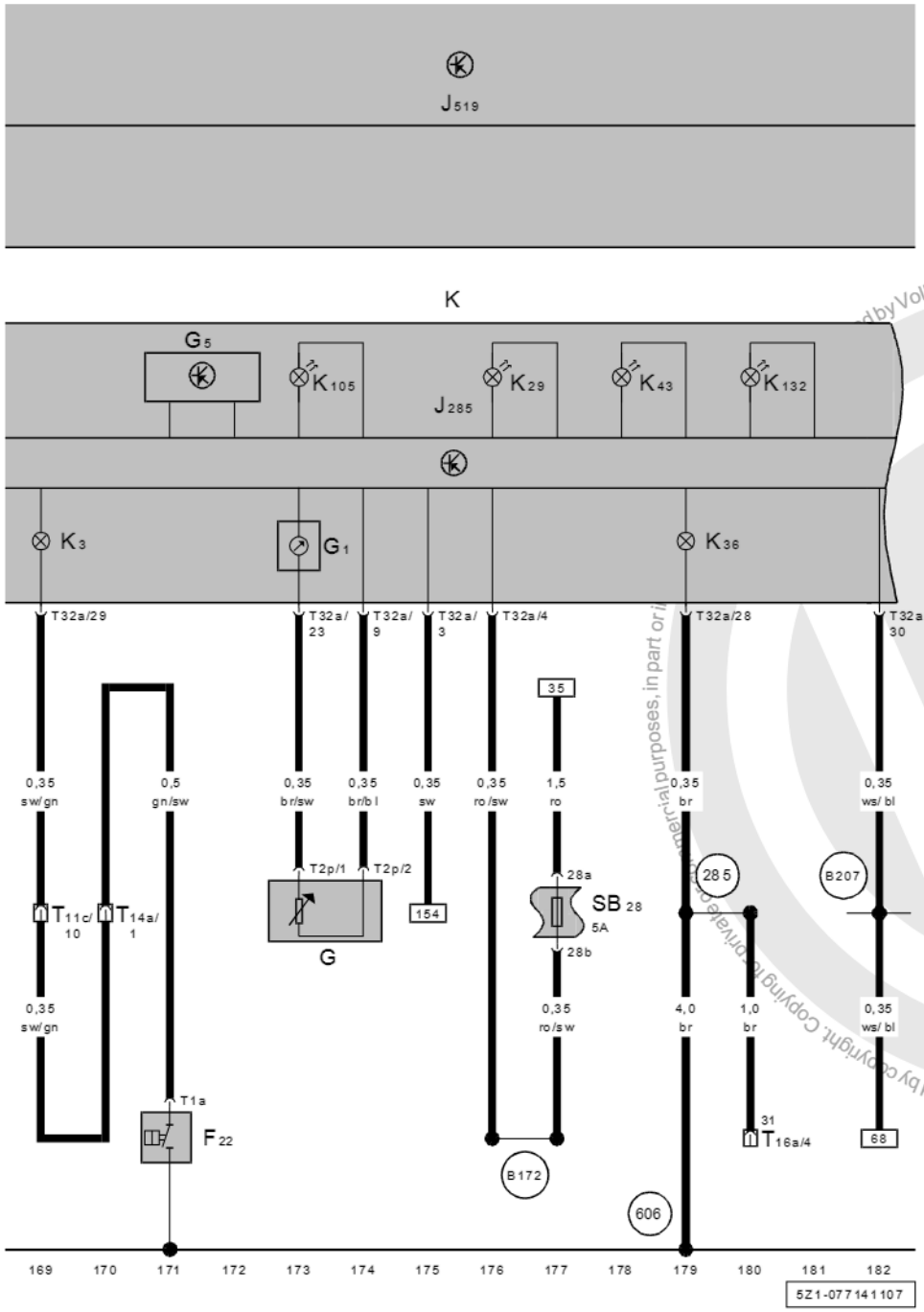


Control unit in dash panel insert, onboard supply control unit, dash panel insert, alternator warning lamp, brake system warning lamp

J285	Control unit in dash panel insert
J301	Air conditioning system control unit
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K118	Brake system warning lamp
SB42	Fuse 42 on fuse holder B
T8i	8-pin connector, behind the dash panel, right
T8j	8-pin connector, on air conditioning system control unit
T11c	11-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
B147	Positive connection 2 (87), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
L76	Connection (87), in evaporator housing unit wiring harness

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Oil pressure switch, fuel gauge sender, fuel gauge, rev. counter, control unit in dash panel insert, dash panel insert

F22	Oil pressure switch
G	Fuel gauge sender
G1	Fuel gauge
G5	Rev. counter
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K3	Oil pressure warning lamp
K29	Glow period warning lamp
K36	Coolant shortage warning lamp
K43	Coolant temperature warning lamp (too cold)
K105	Reserve fuel warning lamp
K132	Electric power control fault lamp
SB28	Fuse 28 on fuse holder B
T1a	Single pin connector, on oil pressure switch
T2p	2-pin connector, on fuel gauge sender
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T32a	32-pin connector, on dash panel insert
285	Earth connection 7, in interior wiring harness
606	Earth point, under the centre console near selector lever
B172	Positive connection 4 (30), in interior wiring harness
B207	Connection (convenience), in interior wiring harness

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Air conditioning system

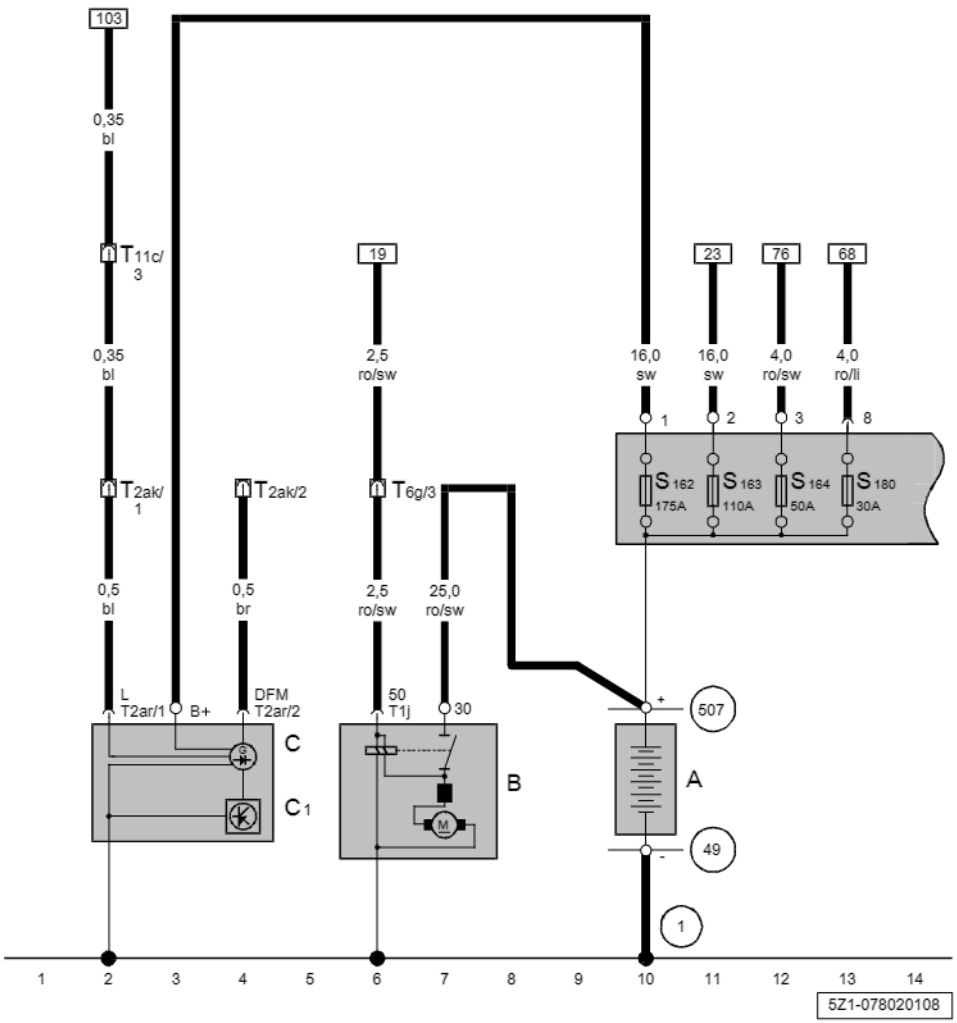
⇒ 1.0 l - 4BV/ 52 kW, engine code AQZ
⇒ 1.0 l/53-54 kW Motronic, engine code BNX
from November 2007

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Notes:
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

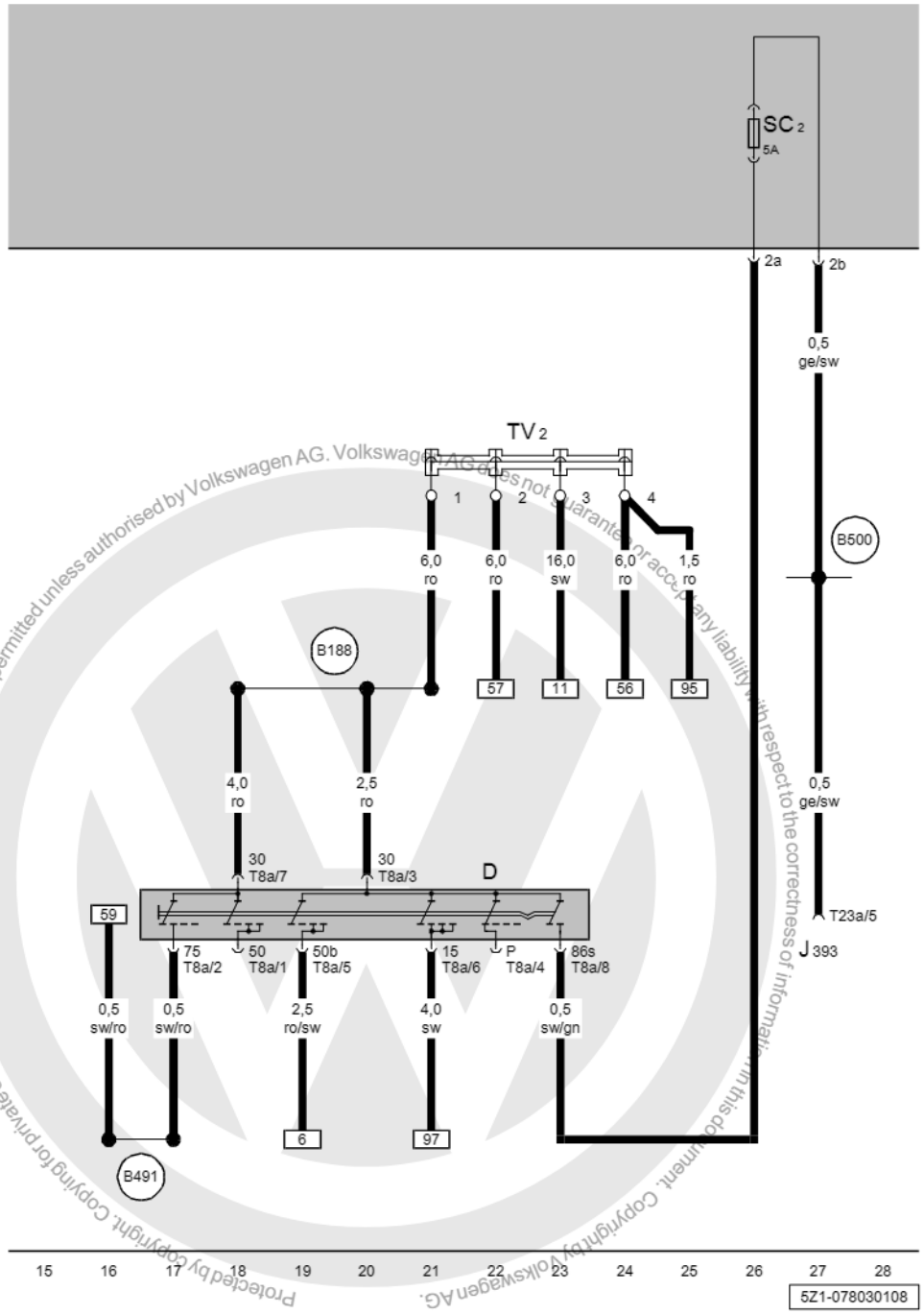


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S164	Fuse 3 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, grey, in left engine compartment
T11c	11-pin connector, green, in left engine compartment
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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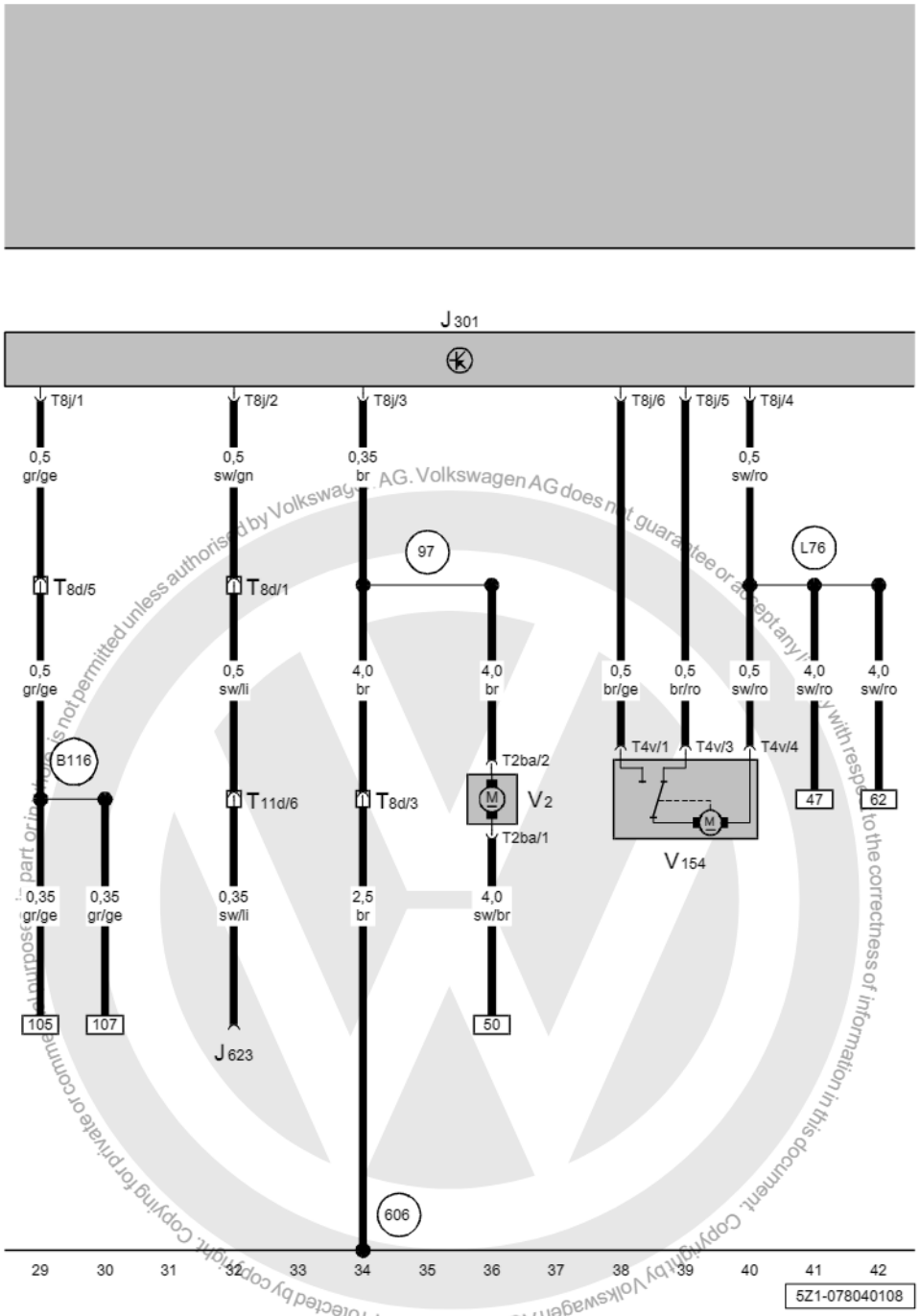


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Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector, on ignition/starter switch
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

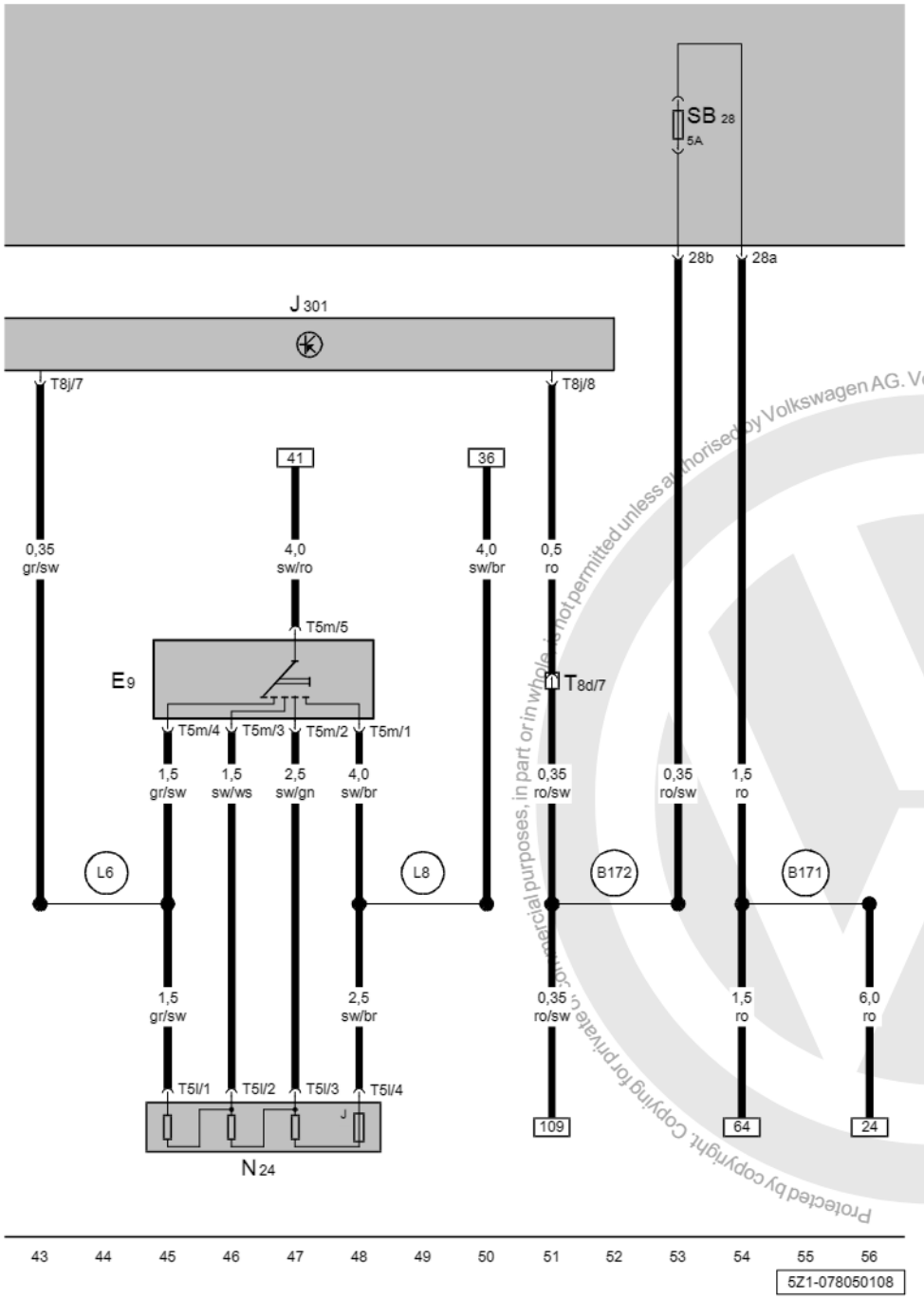


Air conditioning system control unit, fresh air blower, fresh air/recirculated air flap control motor

J301	Air conditioning system control unit
J623	Engine control unit
T2ba	2-pin connector, on fresh air blower
T4v	4-pin connector, on fresh air and air recirculation flap control motor
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
T11d	11-pin connector, brown, in left engine compartment
V2	Fresh air blower
V154	Fresh air/recirculated air flap control motor
97	Earth connection 1, in air conditioning system wiring harness
606	Earth point, under the centre console near selector lever
B116	Connection (58d), in interior wiring harness
L76	Connection (87), in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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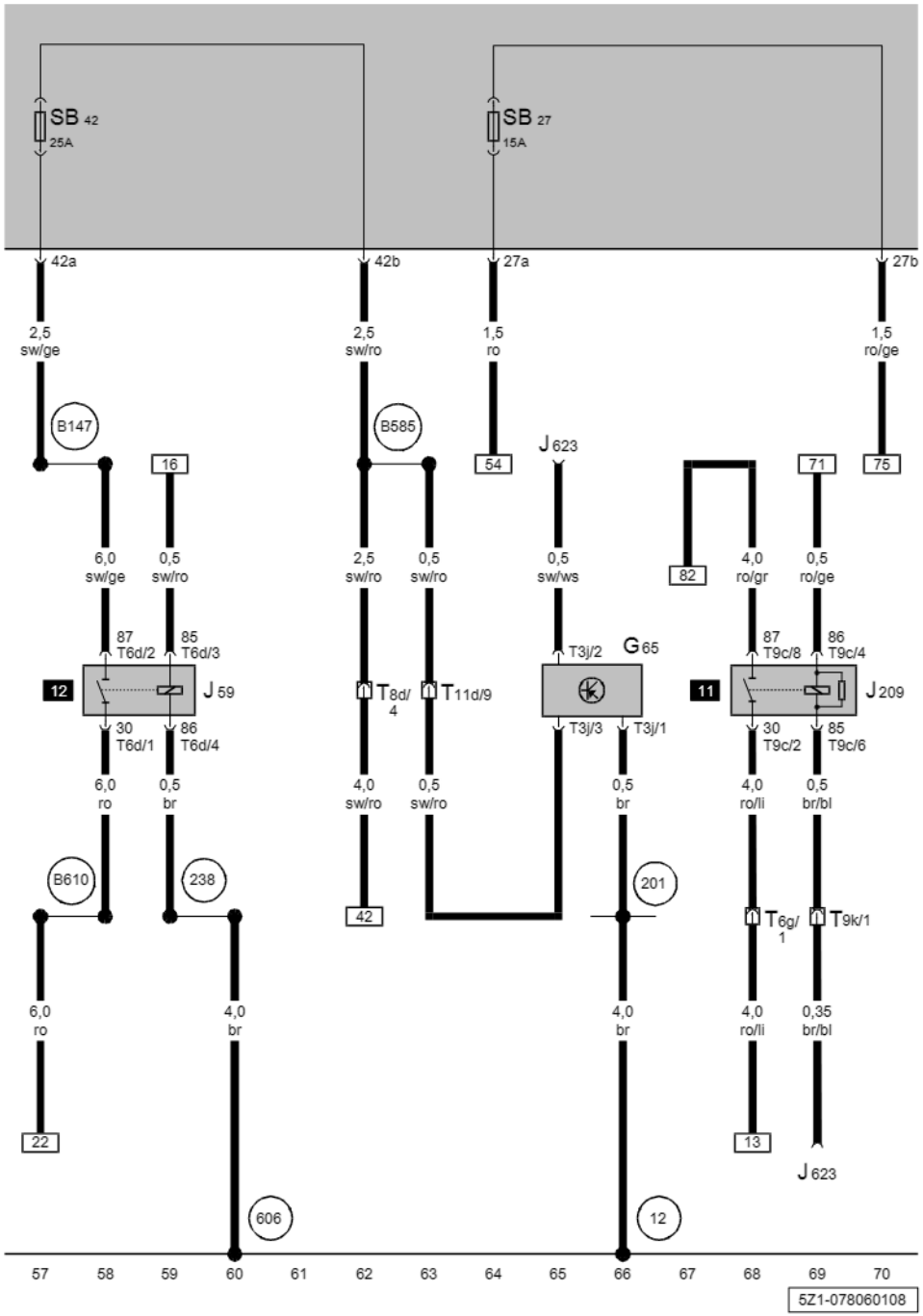


Fresh air blower switch, air conditioning system control unit, fresh air blower series resistor with overheating fuse

E9	Fresh air blower switch
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
SB28	Fuse 28 on fuse holder B
T5l	5-pin connector, on fresh air blower series resistor with overheating fuse
T5m	5-pin connector, on fresh air blower switch
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
B171	Positive connection 3 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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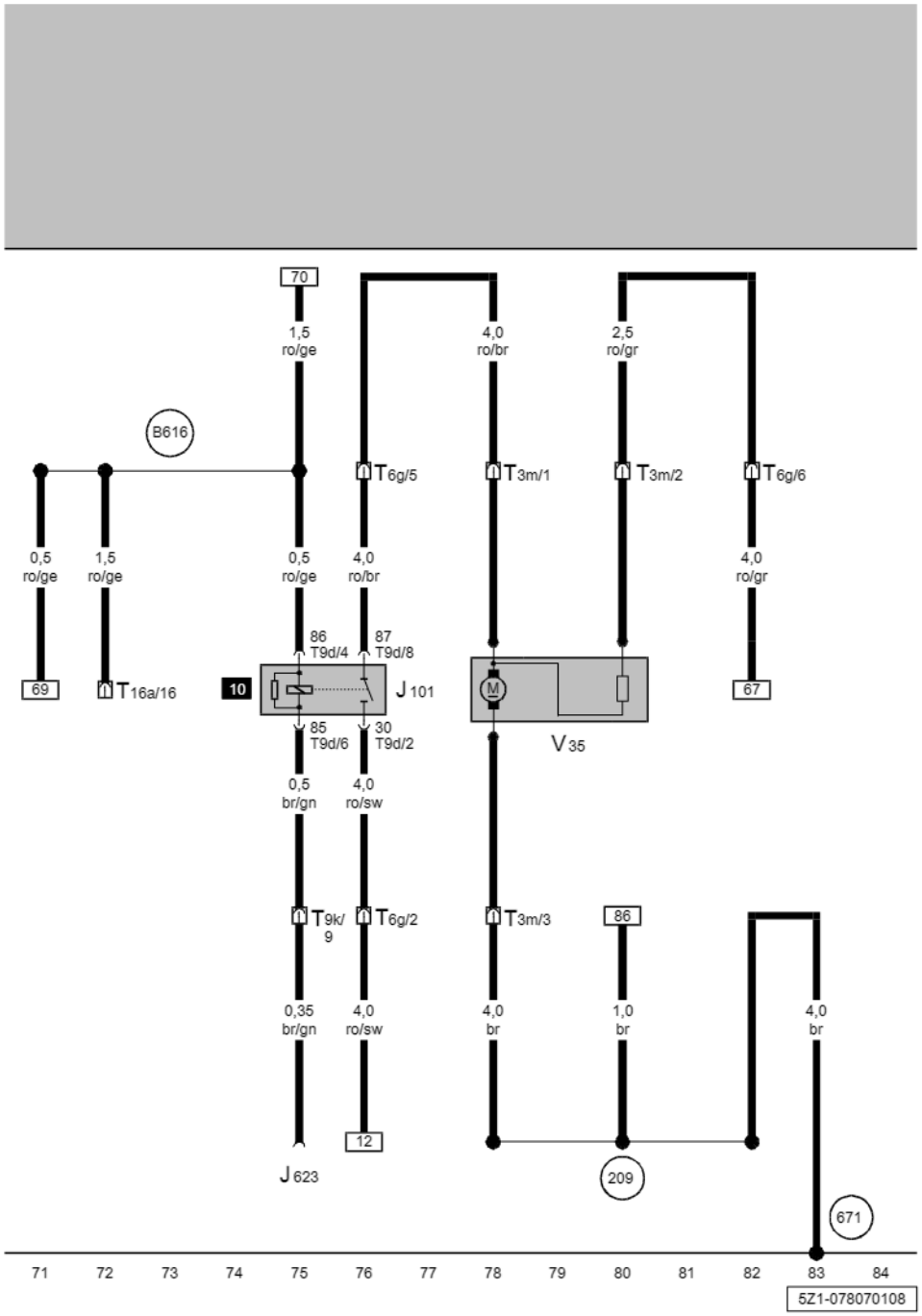


High-pressure sender, X-contact relief relay, fresh air blower relay and radiator fan

G65	High pressure sender
J59	X-contact relief relay
J209	Fresh air blower and radiator fan relay
J623	Engine control unit
SB27	Fuse 27 on fuse holder B
SB42	Fuse 42 on fuse holder B
T3j	3-pin connector, on high pressure sender
T6d	6-pin connector, on X-contact relief relay
T6g	6-pin connector, grey, in left engine compartment
T8d	8-pin connector, behind centre dash panel
T9c	9-pin connector, on fresh air blower and radiator fan relay
T9k	9-pin connector, yellow, in left engine compartment
T11d	11-pin connector, brown, in left engine compartment
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B147	Positive connection 2 (87), in interior wiring harness
B585	Positive connection 2 (87a), in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

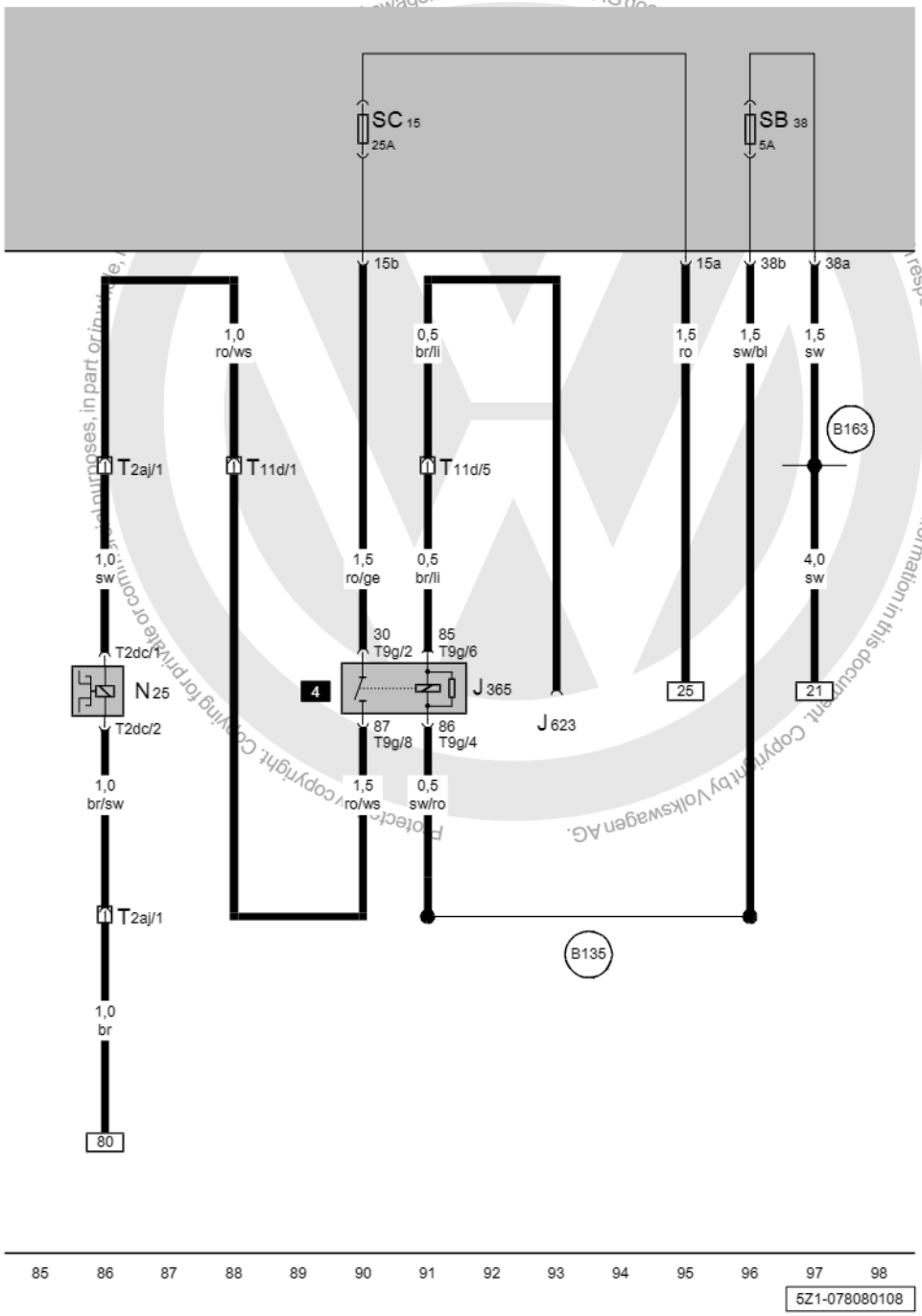
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Radiator fan 2nd speed relay, right radiator fan

J101	Radiator fan 2nd speed relay
J623	Engine control unit
T3m	3-pin connector, on radiator fan on right
T6g	6-pin connector, grey, in left engine compartment
T9d	9-pin connector, on radiator fan 2nd speed relay
T9k	9-pin connector, yellow, in left engine compartment
T16a	16-pin connector, on fuse holder
V35	Right radiator fan
209	Earth connection 6, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
B616	Positive connection 12 (30a), in interior wiring harness

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Air conditioning system switch-off relay, air conditioning system magnetic coupling

J365	Air conditioning system switch-off relay
J623	Engine control unit
N25	Air conditioning system magnetic coupling
SB38	Fuse 38 on fuse holder B
SC15	Fuse 15 on fuse holder C
T2aj	2-pin connector, on right in engine compartment
T2dc	2-pin connector, on air conditioning system magnetic clutch
T9g	9-pin connector, on air conditioning system switch-off relay
T11d	11-pin connector, brown, in left engine compartment
B135	Positive connection 1 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness

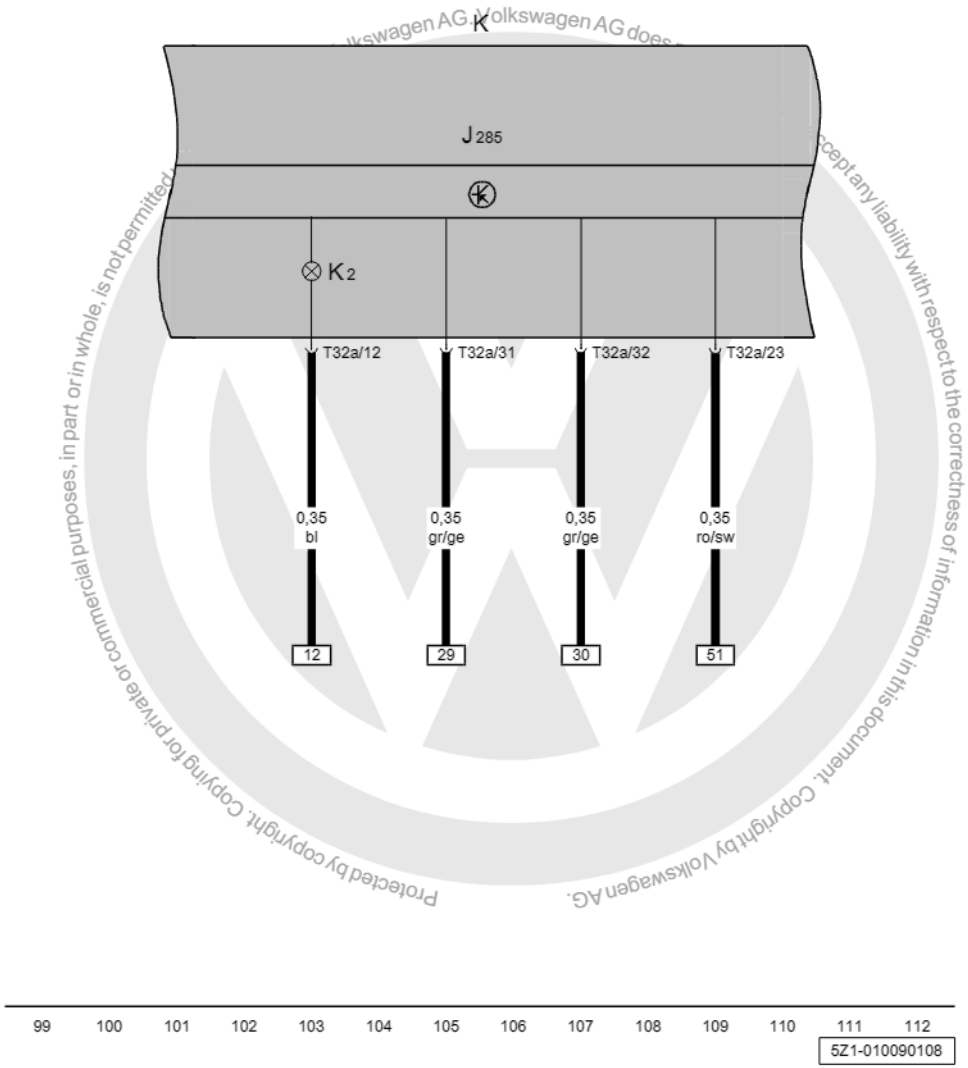
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sw	=	black
ro	=	red
rt	=	red
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Control unit with display in dash panel insert, dash panel insert

J285 Control unit with display in dash panel insert
K Dash panel insert
T32a 32-pin connector, on dash panel insert





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Basic equipment

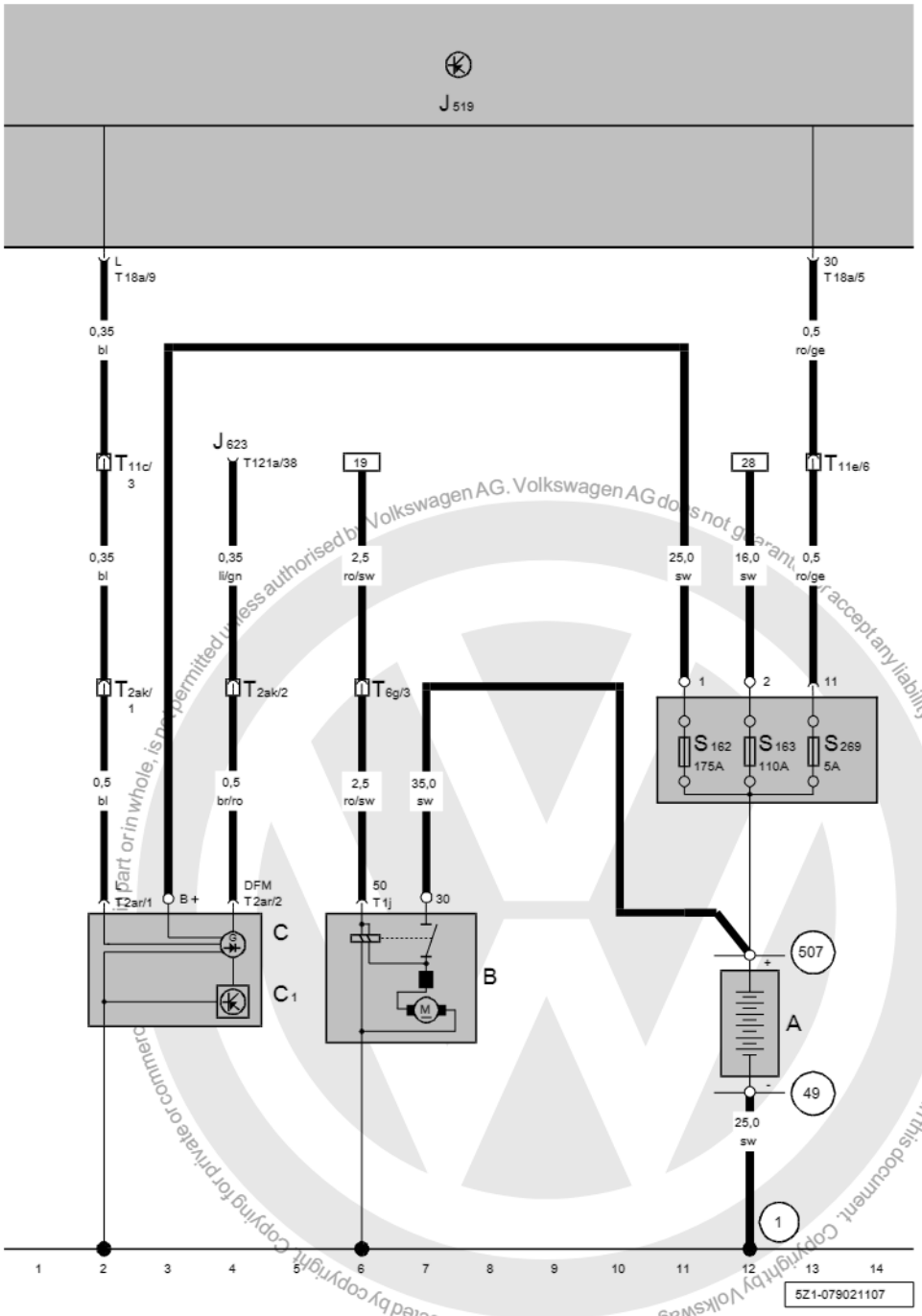
⇒ 1.9 l - SDI - 47 kW, engine code ASY
from December 2007

Notes:
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

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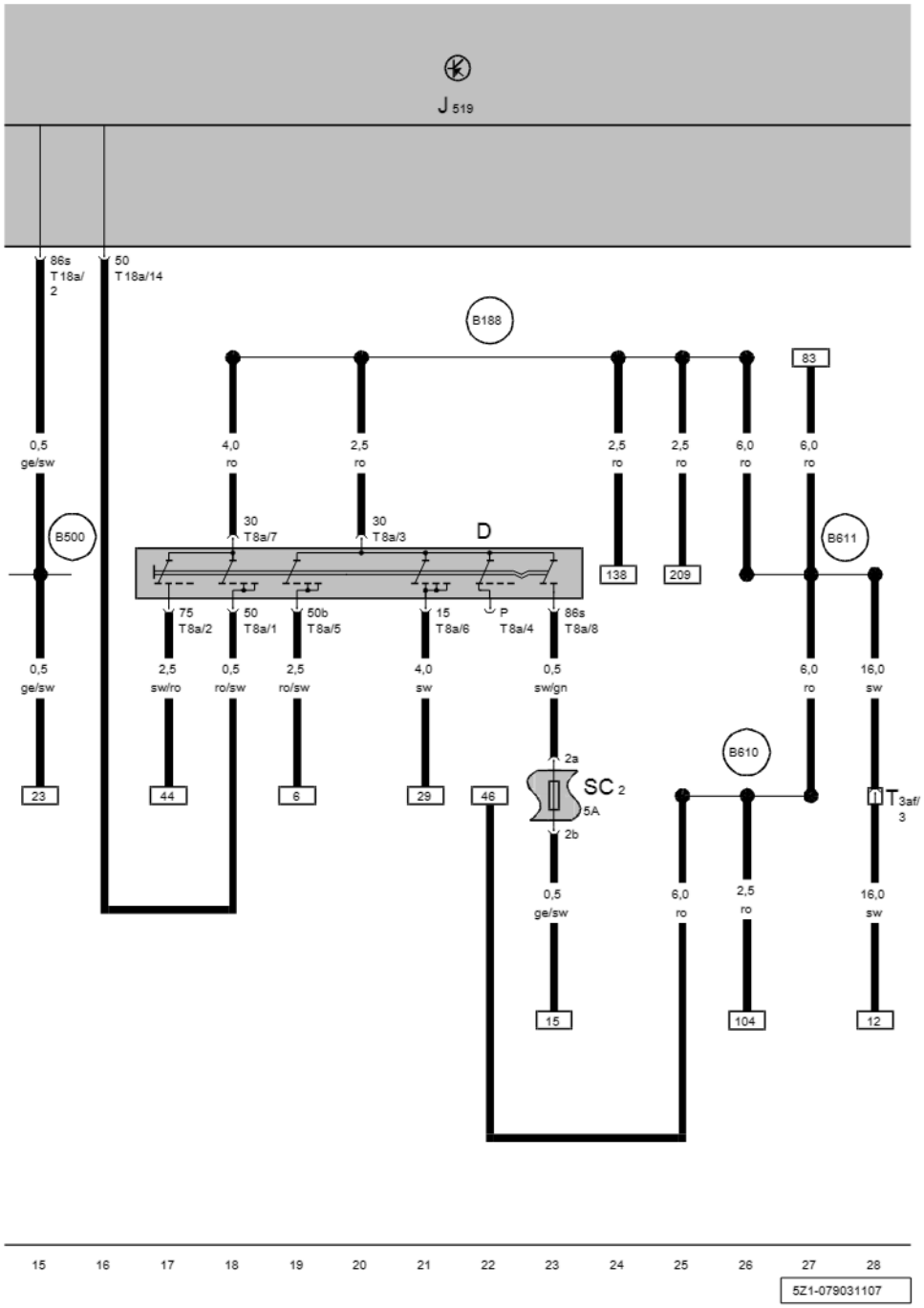


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bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S269	Fuse 11 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
T121a	121-pin connector, on engine control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

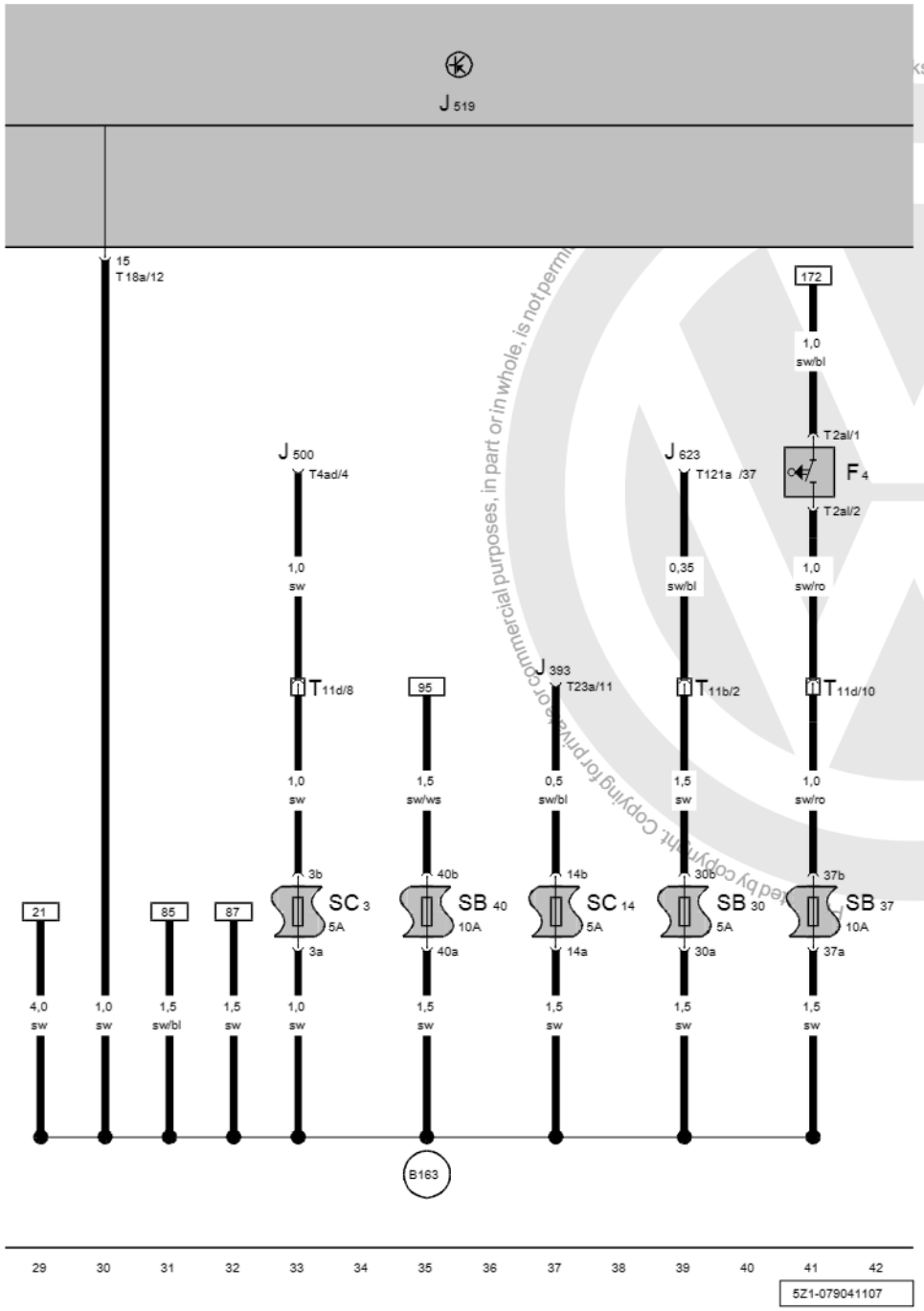


Ignition/starter switch, onboard supply control unit

D	Ignition/starter switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T3af	3-pin connector, in left engine compartment
T8a	8-connector, on ignition/starter switch
T18a	18-pin connector, on onboard supply control unit
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness
B610	Connection 6, in interior wiring harness
B611	Connection 7, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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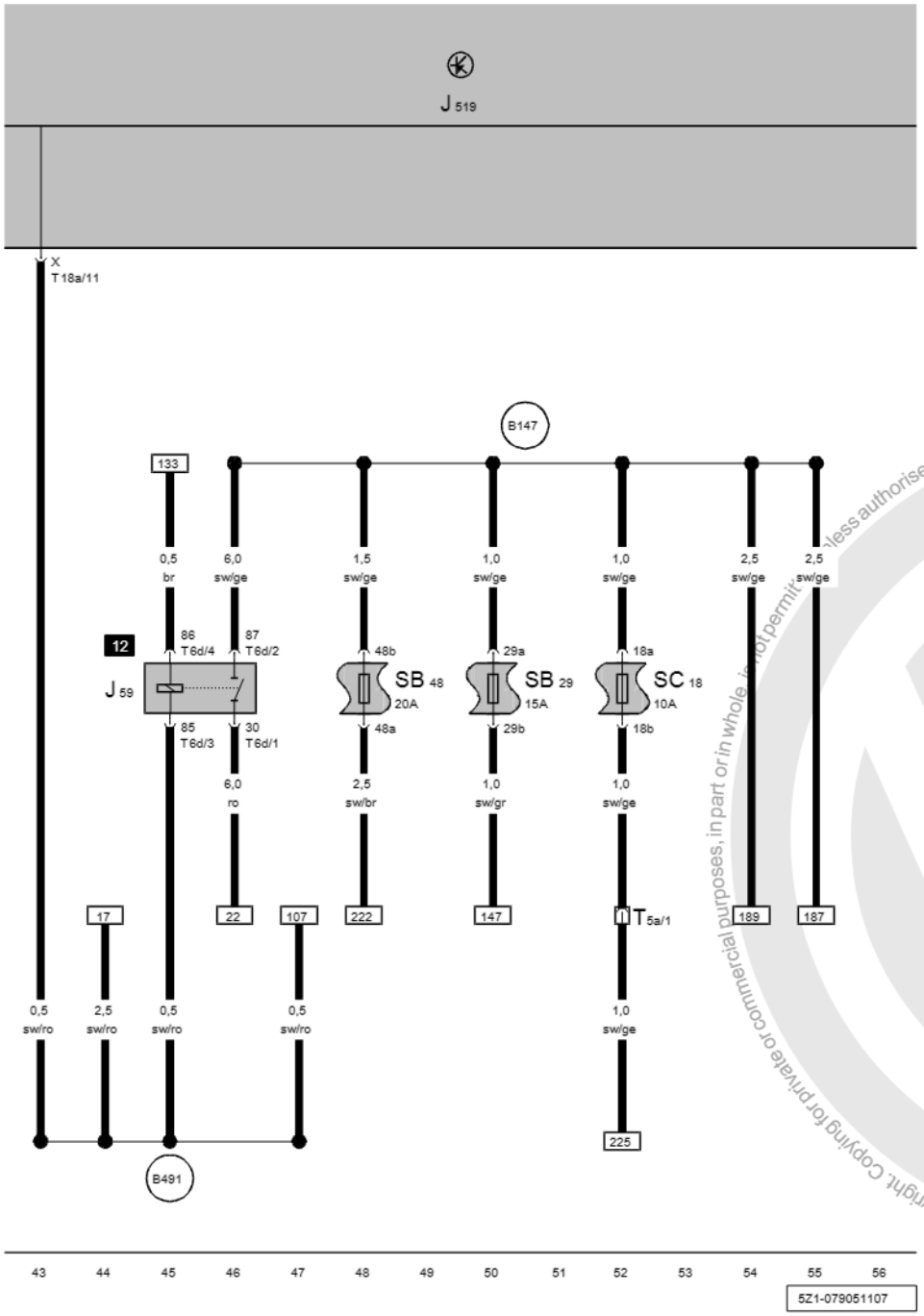


Reversing light switch, onboard supply control unit

F4	Reversing light switch
J393	Convenience system central control unit
J500	Power steering control unit
J519	Onboard supply control unit
J623	Engine control unit
SB30	Fuse 30 on fuse holder B
SB37	Fuse 37 on fuse holder B
SB40	Fuse 40 on fuse holder B
SC3	Fuse 3 on fuse holder C
SC14	Fuse 14 on fuse holder C
T2al	2-pin connector, on reversing light switch
T4ad	4-pin connector, on power steering control unit
T11b	11-pin connector, in left engine compartment
T11d	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
T23a	23-pin connector, on convenience system central control unit
T121a	121-pin connector, on engine control unit
(B163)	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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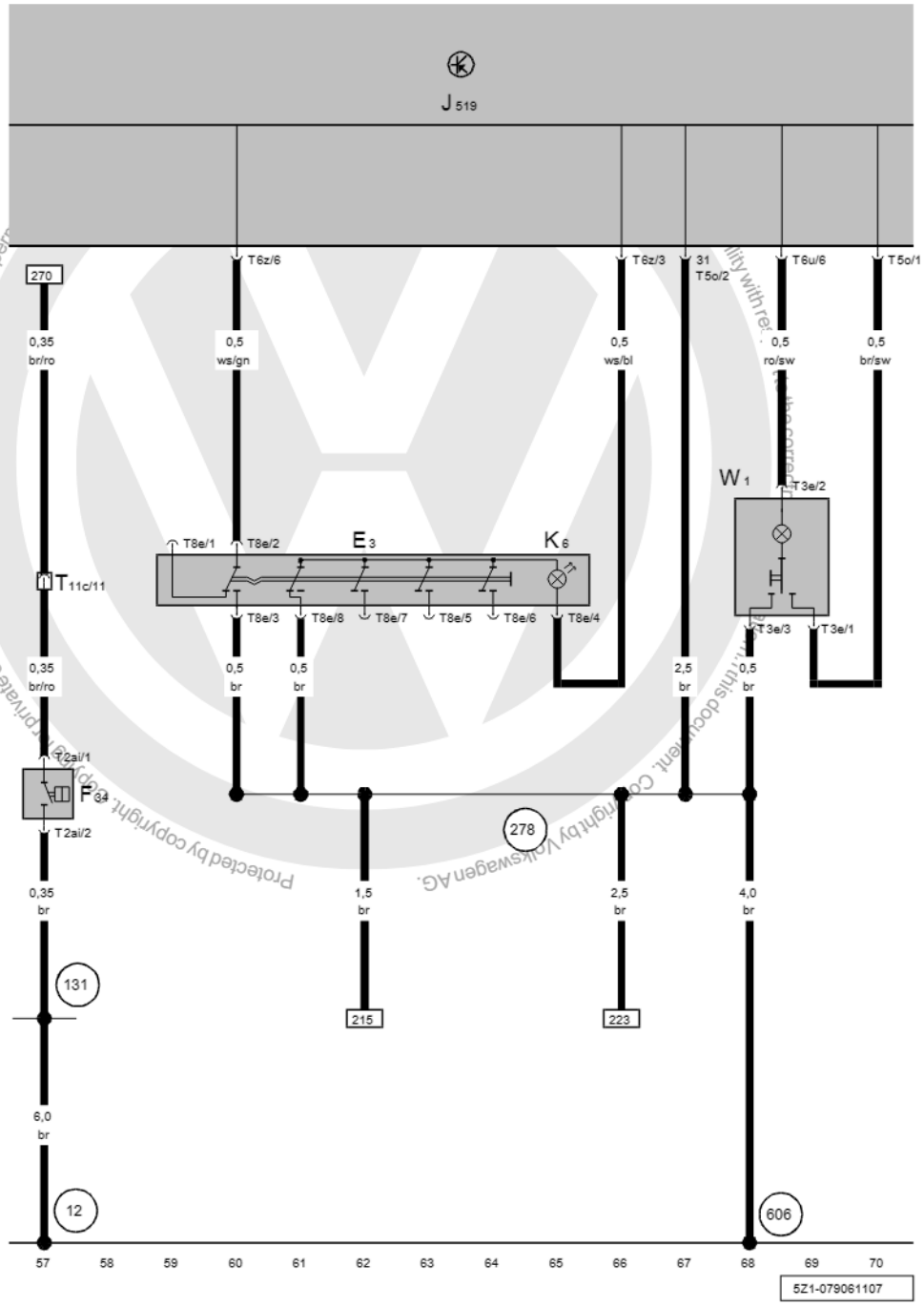


X-contact relief relay, onboard supply control unit

J59	X-contact relief relay
J519	Onboard supply control unit
SB29	Fuse 29 on fuse holder B
SB48	Fuse 48 on fuse holder B
SC18	Fuse 18 on fuse holder C
T5a	5-pin connector, behind side trim on rear left, near wheel arch
T6d	6-pin connector, on X-contact relief relay
T18a	18-pin connector, on onboard supply control unit
B147	Positive connection 2 (87), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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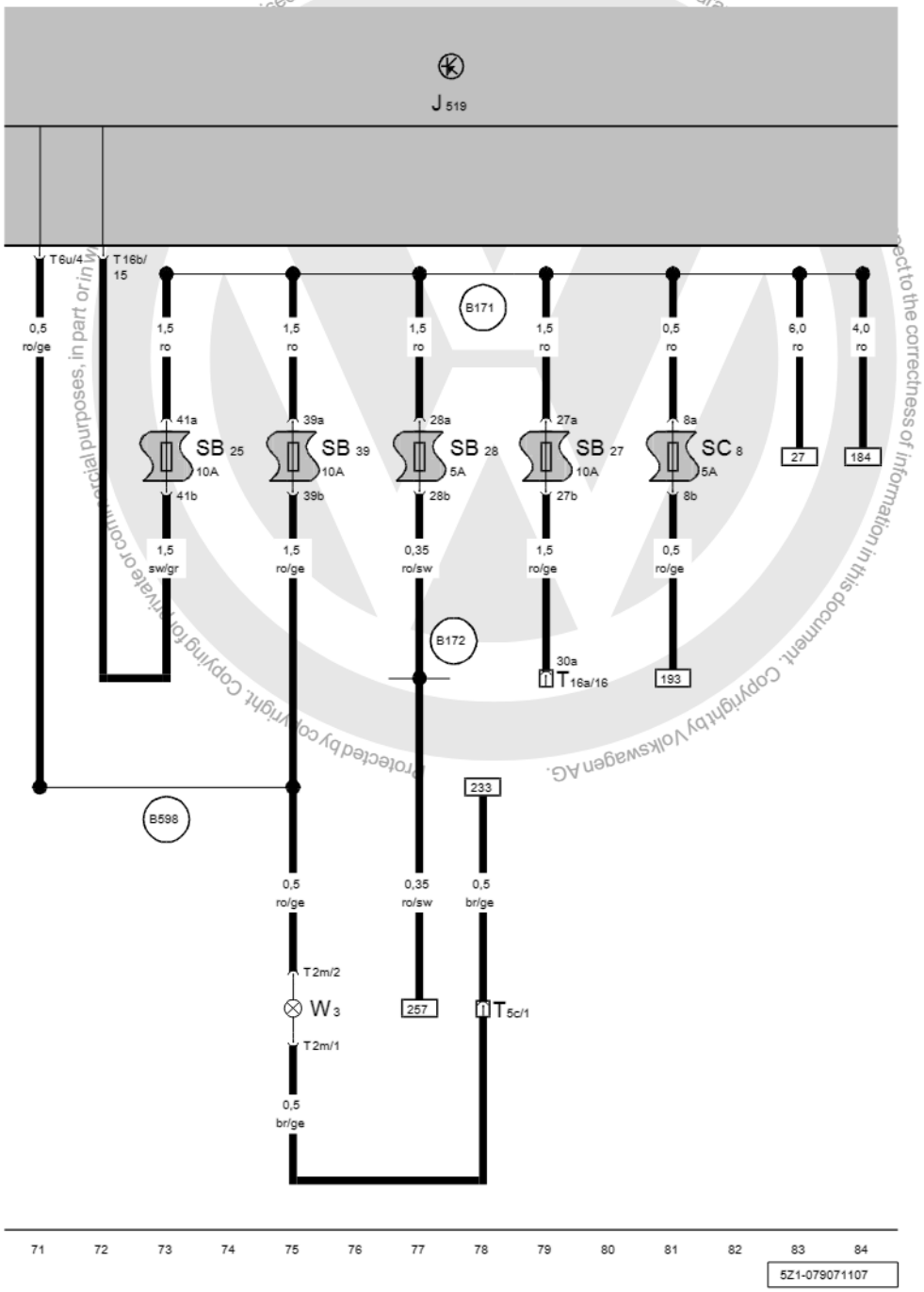


Hazard warning light switch, brake fluid level warning contact, onboard supply control unit, indicator lamp for hazard warning light, front interior light

E3	Hazard warning light switch
F34	Brake fluid level warning contact
J519	Onboard supply control unit
K6	Hazard warning light system warning lamp
T2ai	2-pin connector, on brake fluid level warning contact
T3e	3-pin connector, on front interior light
T5o	5-pin connector, on onboard supply control unit
T6u	6-pin connector, on onboard supply control unit
T6z	6-pin connector, on onboard supply control unit
T8e	8-connector, on hazard warning light switch
T11c	11-pin connector, in left engine compartment
W1	Front interior light
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near selector lever

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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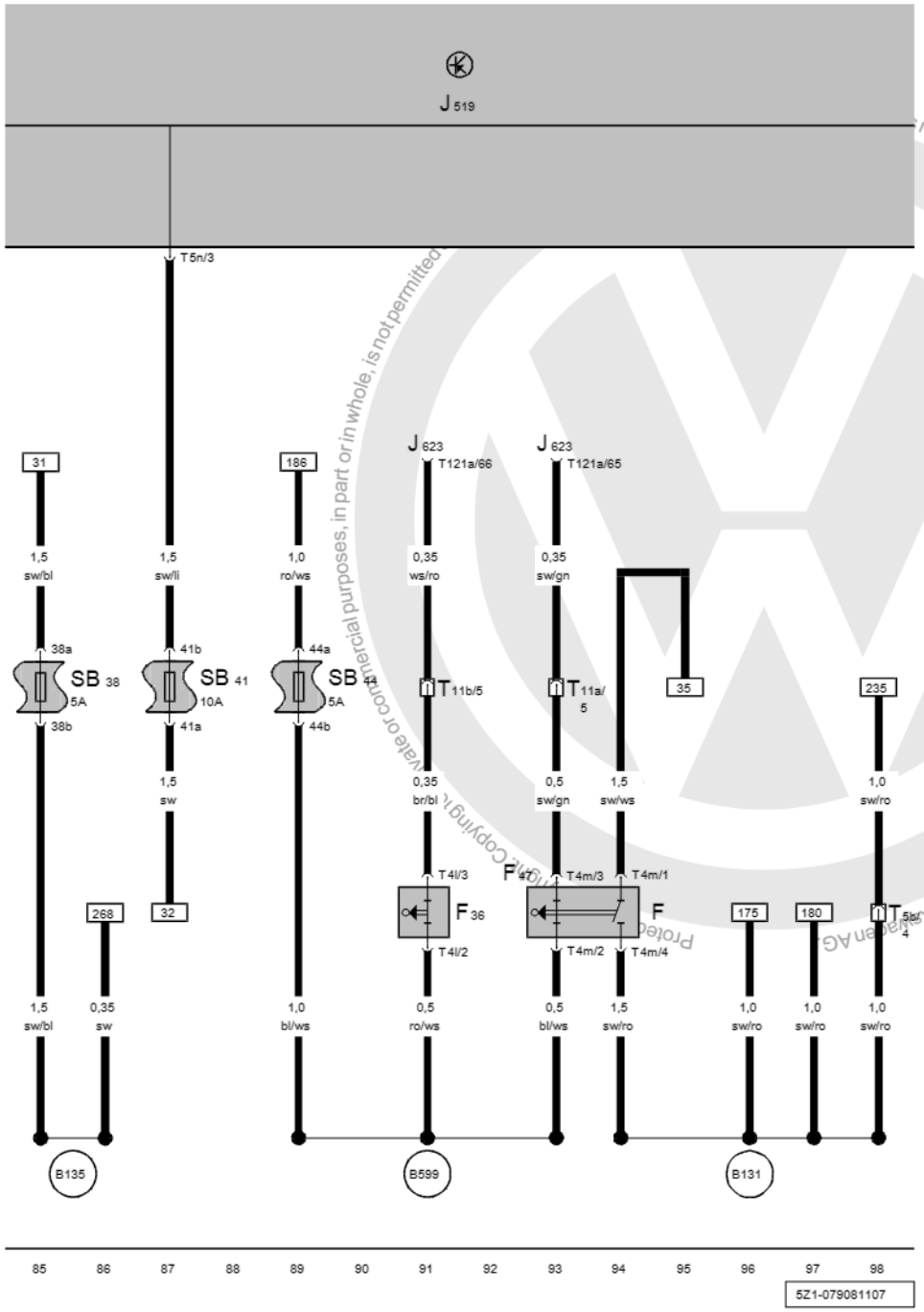


Onboard supply control unit, luggage compartment light

J519	Onboard supply control unit
SB25	Fuse 25 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB39	Fuse 39 on fuse holder B
SC8	Fuse 8 on fuse holder C
T2m	2-pin connector, on luggage compartment light
T5c	5-pin connector, behind side trim on rear left, near wheel arch
T6u	6-pin connector, on onboard supply control unit
T16a	16-pin connector, on fuse holder
T16b	16-pin connector, on onboard supply control unit
W3	Luggage compartment light
B598	Positive connection 11 (30a), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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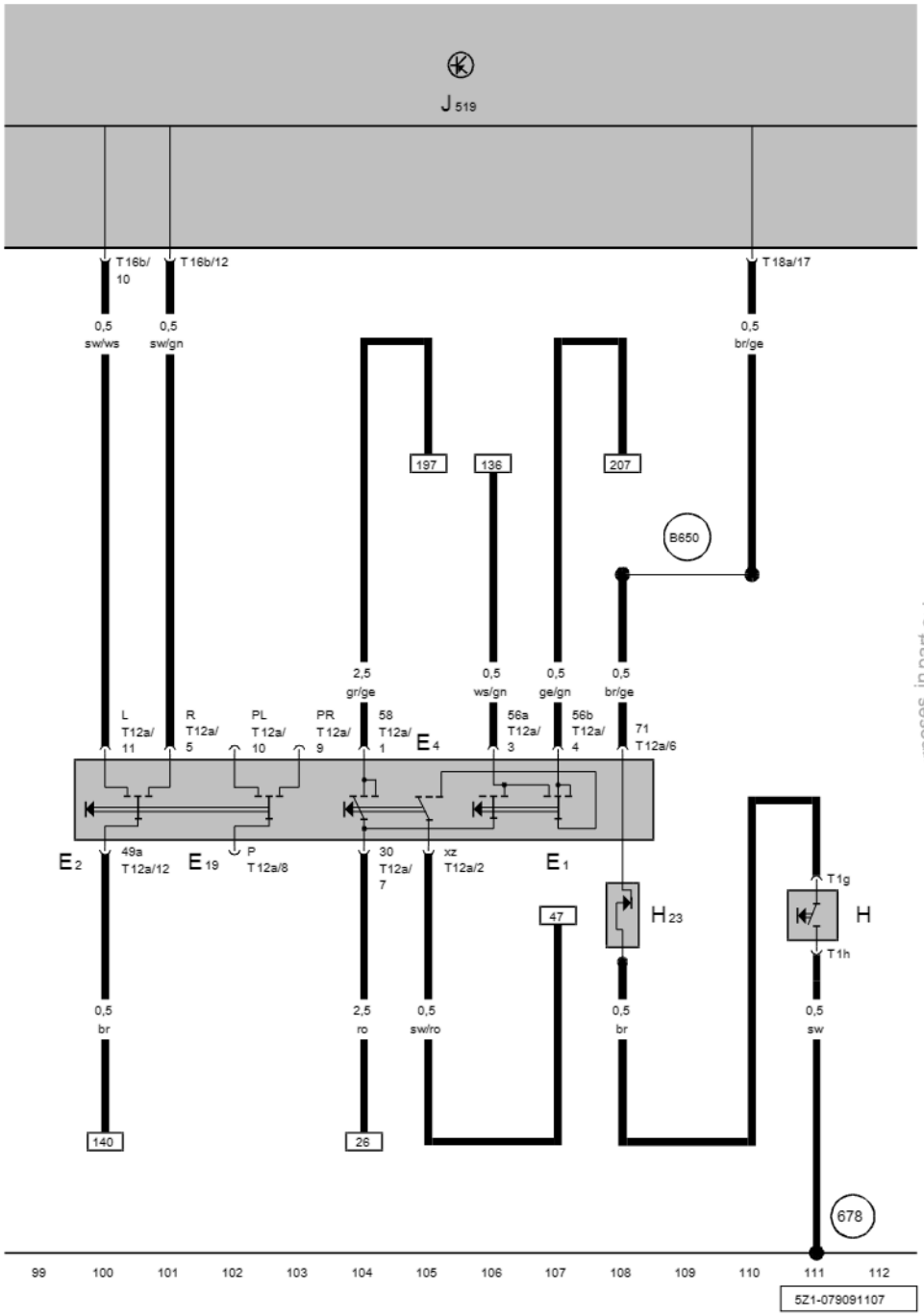


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake light switch, clutch pedal switch, brake pedal switch, onboard supply control unit

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J519	Onboard supply control unit
J623	Engine control unit
SB38	Fuse 38 on fuse holder B
SB41	Fuse 41 on fuse holder B
SB44	Fuse 44 on fuse holder B
T4l	4-pin connector, on clutch pedal switch
T4m	4-pin connector, on brake light switch
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T5n	5-pin connector, on onboard supply control unit
T11a	11-pin connector, in left engine compartment
T11b	11-pin connector, in left engine compartment
T121a	121-pin connector, on engine control unit
B131	Connection (54), in interior wiring harness
B135	Positive connection 1 (15a), in interior wiring harness
B599	Positive connection 3 (87a), in interior wiring harness

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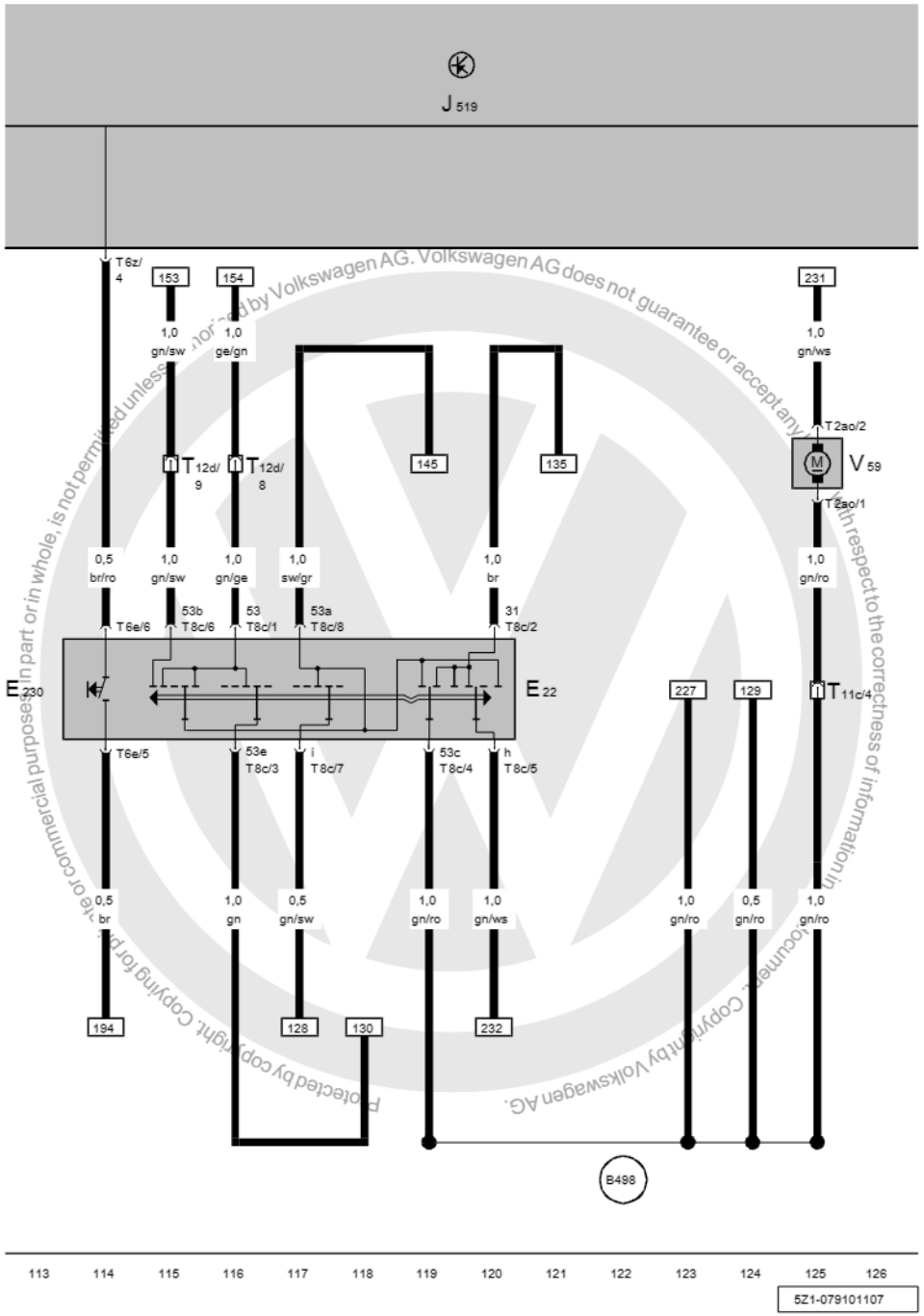


Light switch, turn signal switch, headlight dipper/flasher switch, horn plate, horn activation contact ring

E1	Light switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
H	Horn plate
H23	Horn activation contact ring
J519	Onboard supply control unit
T1g	Single pin connector, on horn plate
T1h	Single pin connector, on horn plate
T12a	12-pin connector, on light switch
T16b	16-pin connector, on onboard supply control unit
T18a	18-pin connector, on onboard supply control unit
(678)	Earth point in steering wheel
(B650)	Connection 8, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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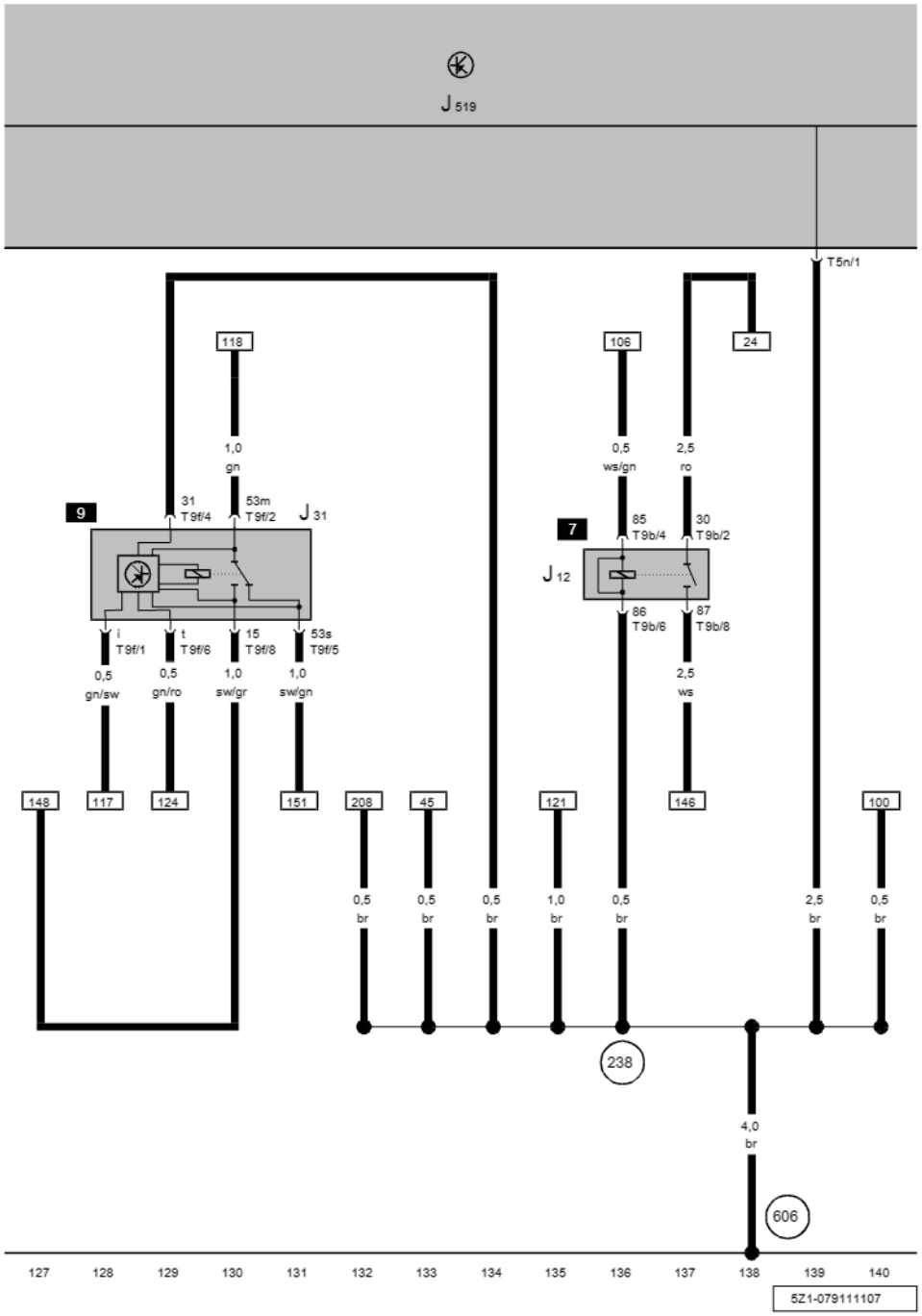


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Intermittent wiper switch, heated rear window switch, onboard supply control unit, windscreen and rear window washer pump

E22	Intermittent wiper switch
E230	Heated rear window switch
J519	Onboard supply control unit
T2ao	2-pin connector, on windscreen and rear window washer pump
T6e	6-pin connector, on heated rear window switch
T6z	6-pin connector, on onboard supply control unit
T8c	8-pin connector, on intermittent wiper switch
T11c	11-pin connector, in left engine compartment
T12d	12-pin connector, in left engine compartment
V59	Windscreen and rear window washer pump
B498	Connection 1 (53c), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

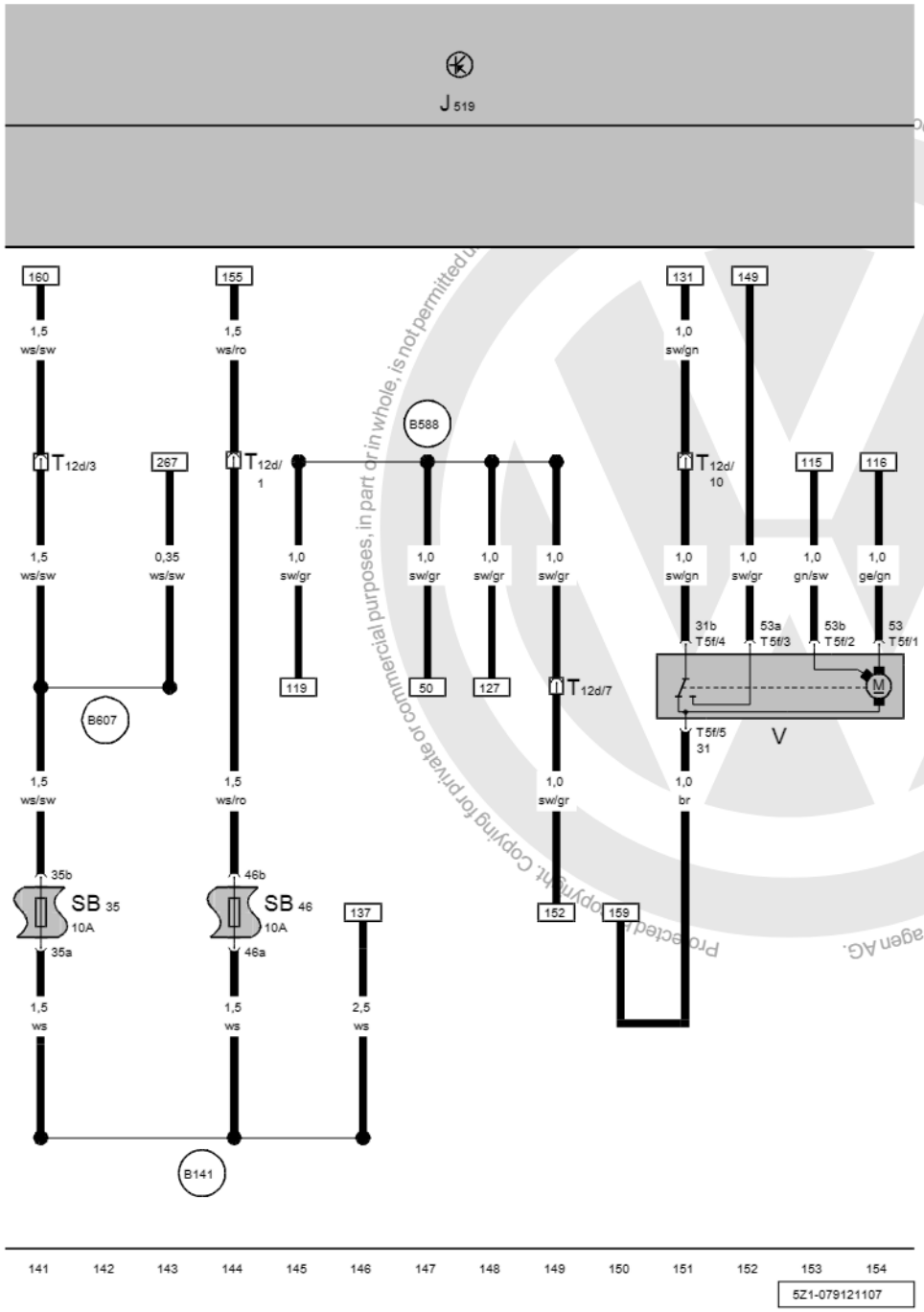


Headlight main beam relay, automatic intermittent wash and wipe relay, onboard supply control unit

J12	Headlight main beam relay
J31	Automatic intermittent wash and wipe relay
J519	Onboard supply control unit
T5n	5-pin connector, on onboard supply control unit
T9b	9-pin connector, on headlight main beam relay
T9f	9-pin connector, on automatic intermittent wash and wipe relay
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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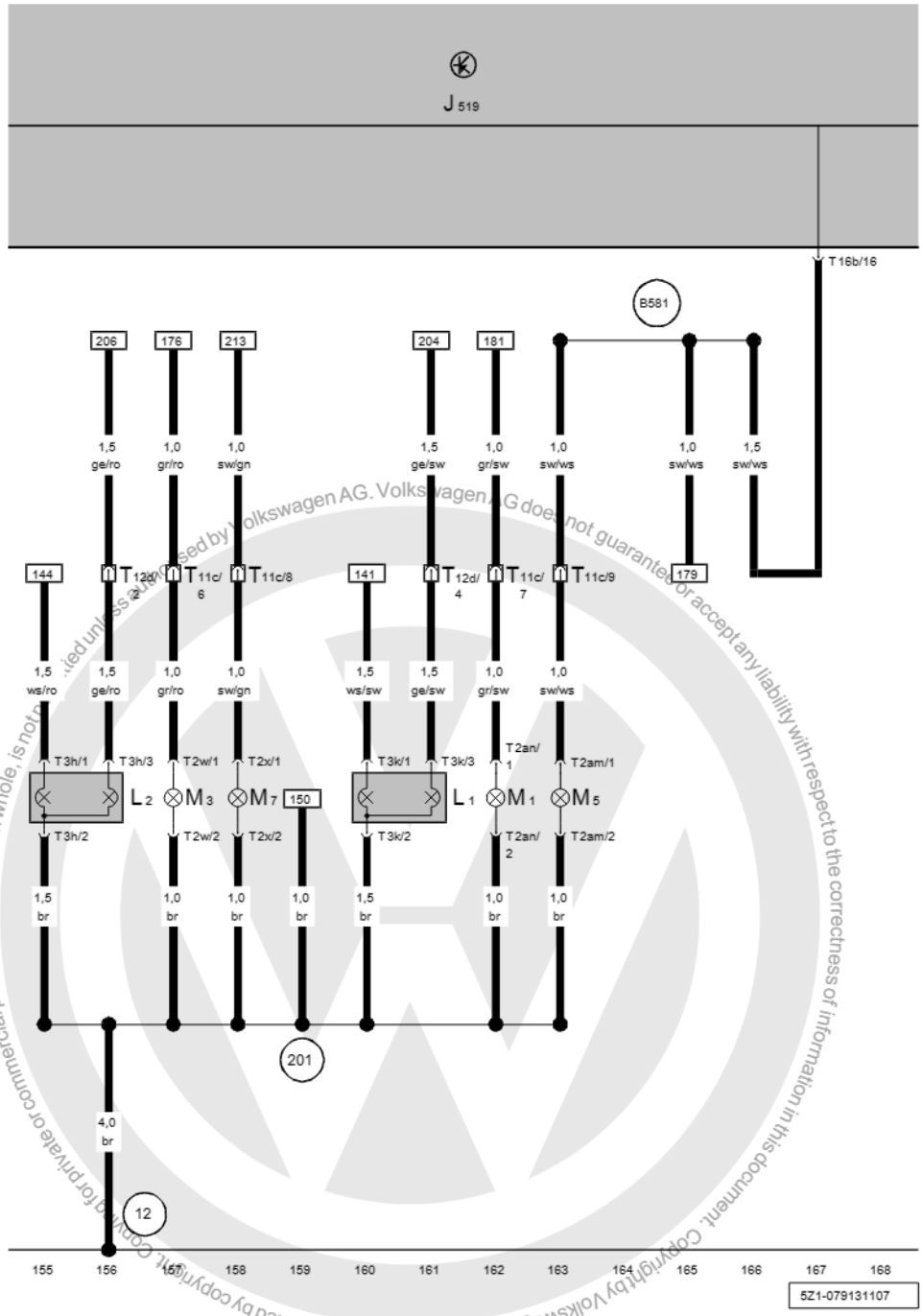


Onboard supply control unit, wiper motor

J519	Onboard supply control unit
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T5f	5-pin connector, on windscreen wiper motor
T12d	12-pin connector, in left engine compartment
V	Windscreen wiper motor
B141	Positive connection 1 (56a), in interior wiring harness
B588	Positive connection (53a), in interior wiring harness
B607	Connection 3, in interior wiring harness

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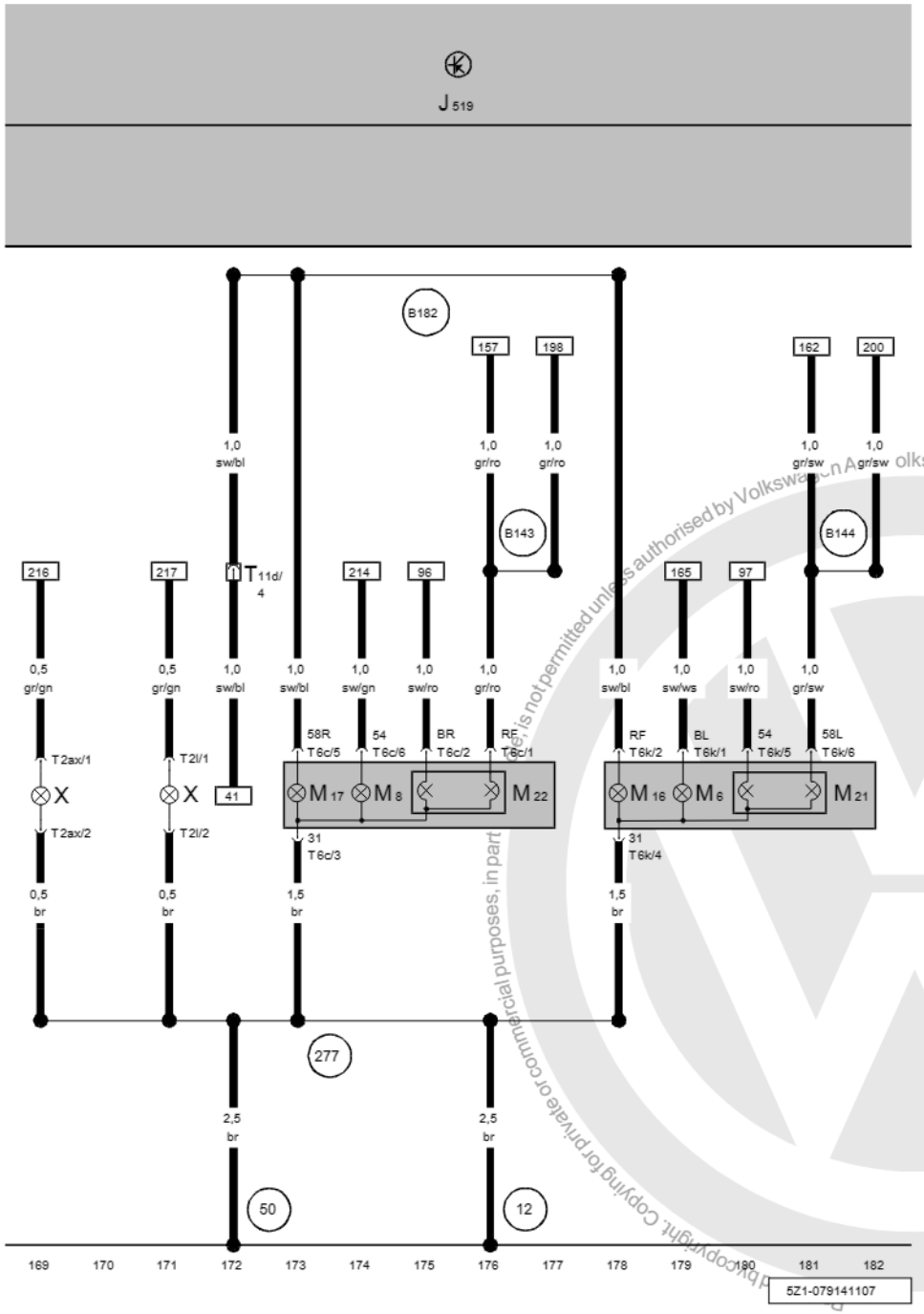


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Left headlight twin filament bulb/left sealed beam insert, front left side marker bulb, front left turn signal bulb

J519	Onboard supply control unit
L1	Left headlight twin filament bulb/left sealed beam insert
L2	Right headlight twin filament bulb/right sealed beam insert
M1	Front left side marker bulb
M3	Front right side marker bulb
M5	Front left turn signal bulb
M7	Front right turn signal bulb
T2w	2-pin connector, on the front right side marker bulb
T2x	2-pin connector, on the front right turn signal bulb
T2am	2-pin connector, on the front left turn signal bulb
T2an	2-pin connector, on the front left side marker bulb
T3h	3-pin connector, on right headlight twin filament bulb/right sealed beam insert
T3k	3-pin connector, on left headlight twin filament bulb/left sealed beam insert
T11c	11-pin connector, in left engine compartment
T12d	12-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness

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ro	=	red
rt	=	red
br	=	brown
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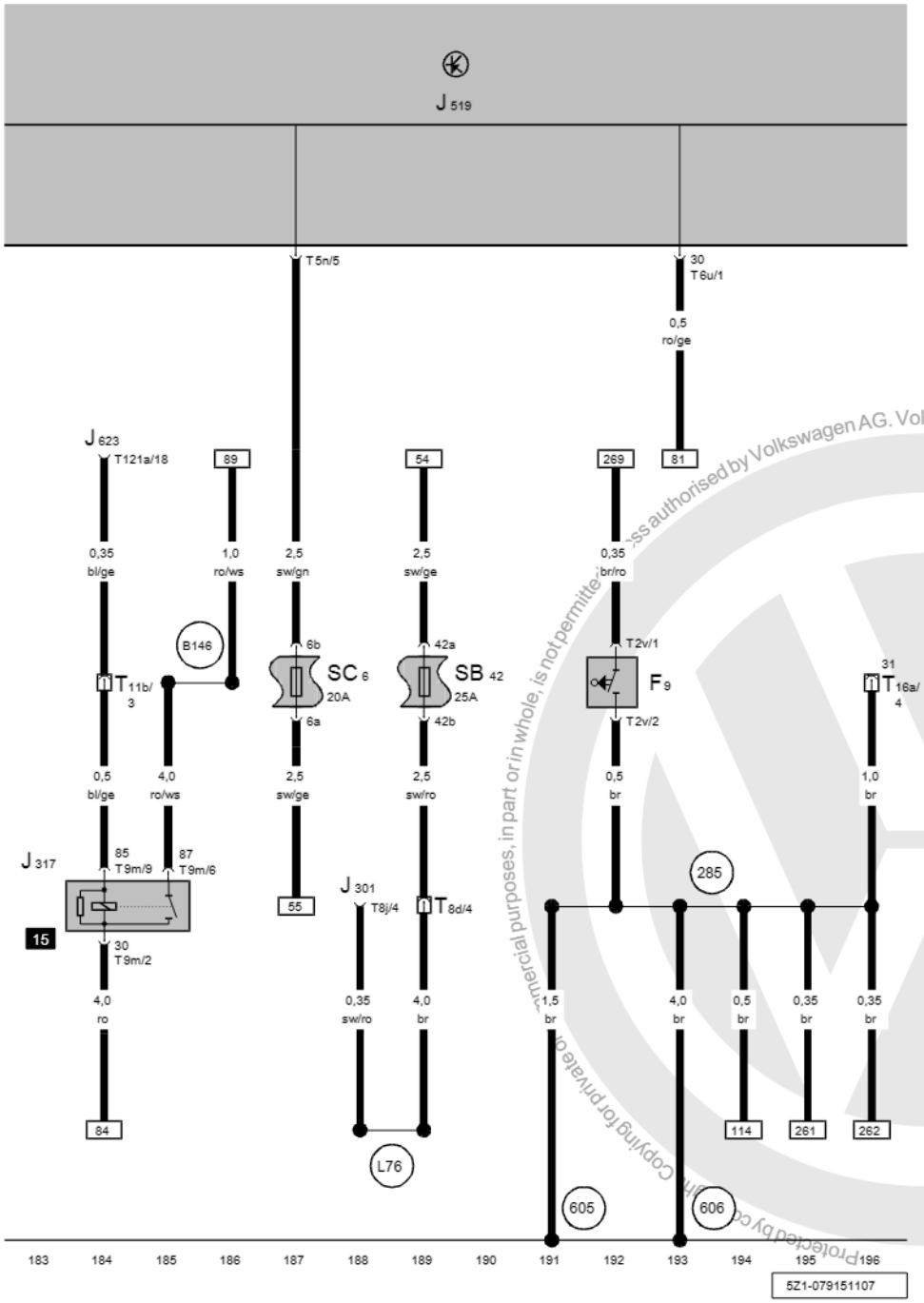


Rear left turn signal bulb, left reversing light bulb, left brake and tail light bulb

J519	Onboard supply control unit
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
T2l	2-pin connector, on number plate light
T2ax	2-pin connector, on number plate light
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
T11d	11-pin connector, in left engine compartment
X	Number plate light
12	Earth point, on left in engine compartment
50	Earth points, on left in luggage compartment
277	Earth connection 3, in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B182	Connection (RL), in interior wiring harness

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Handbrake warning switch, terminal 30 voltage supply relay, onboard supply control unit

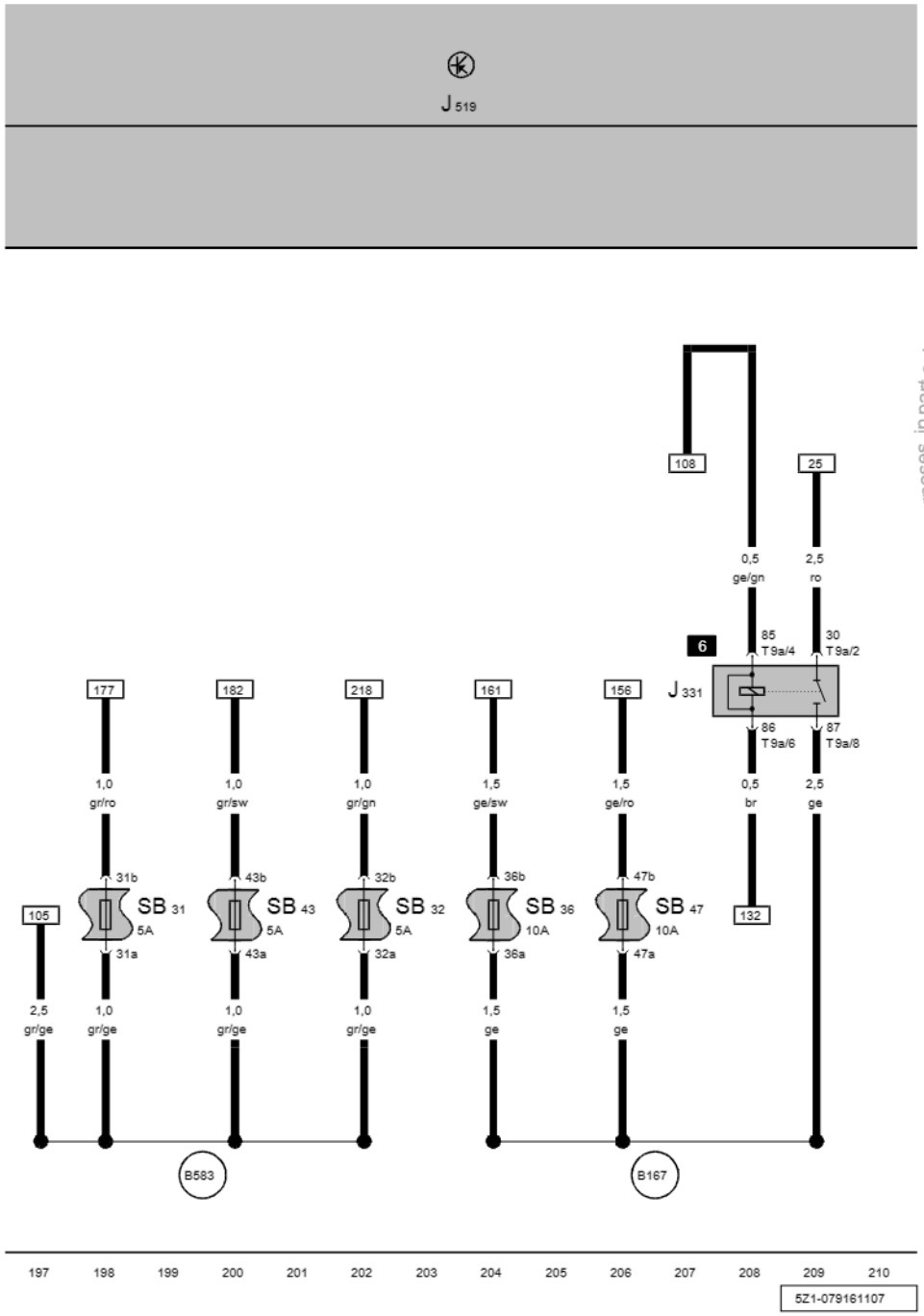
F9	Handbrake warning switch
J301	Air conditioning system control unit
J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
J623	Engine control unit
SB42	Fuse 42 on fuse holder B
SC6	Fuse 6 on fuse holder C
T2v	2-pin connector, on handbrake warning switch
T5n	5-pin connector, on onboard supply control unit
T6u	6-pin connector, on onboard supply control unit
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
T9m	9-pin connector, on terminal 30 voltage supply relay
T11b	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T121a	121-pin connector, on engine control unit
285	Earth connection 7, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near selector lever
B146	Positive connection 1 (87), in interior wiring harness
L76	Connection (87), in evaporator housing unit wiring harness

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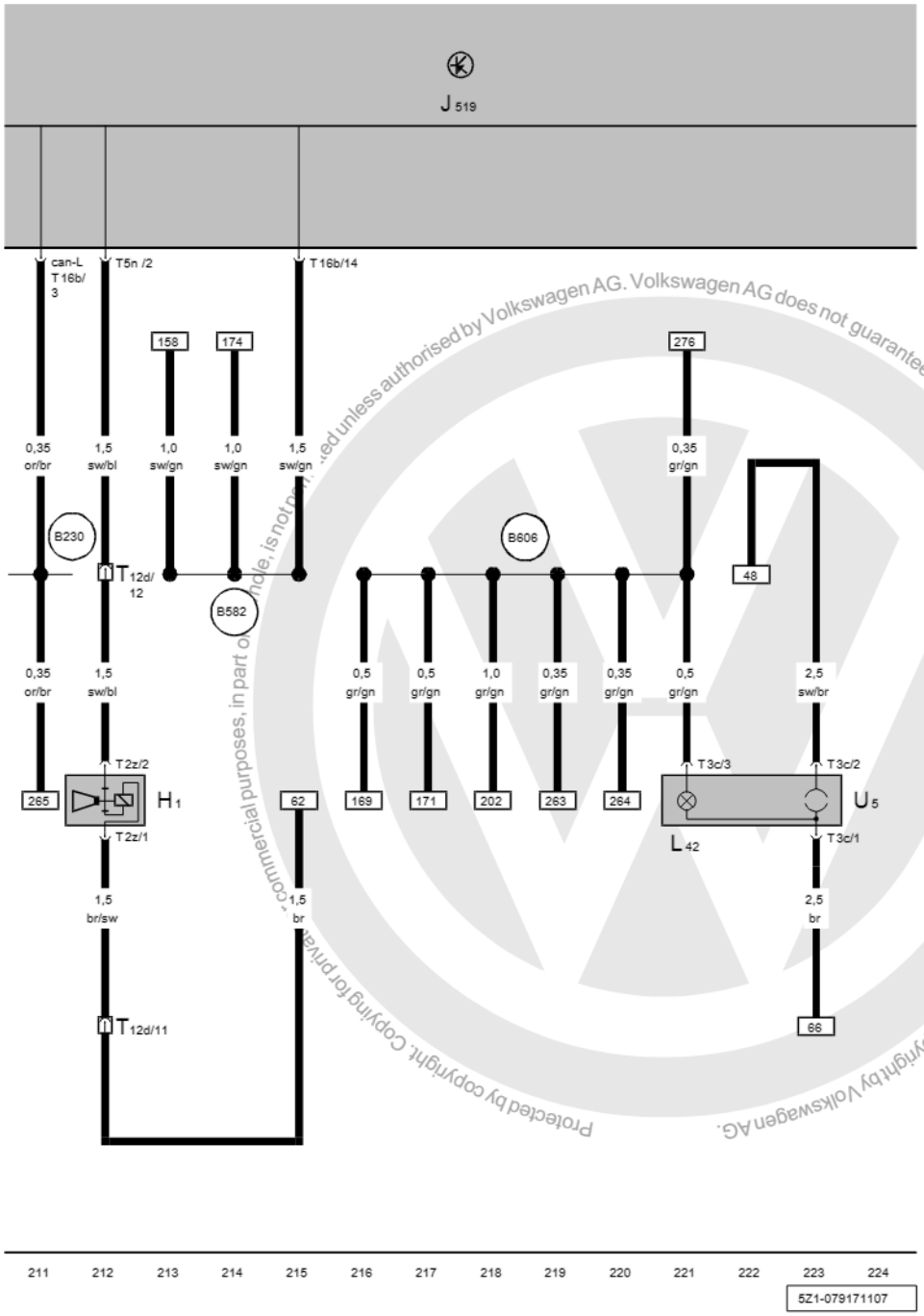
Onboard supply control unit, dipped beam relay

J519	Onboard supply control unit
J331	Dipped beam relay
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB36	Fuse 36 on fuse holder B
SB43	Fuse 43 on fuse holder B
SB47	Fuse 47 on fuse holder B
T9a	9-pin connector, on dipped beam relay
B167	Connection (56b), in interior wiring harness
B583	Positive connection (58), in interior wiring harness



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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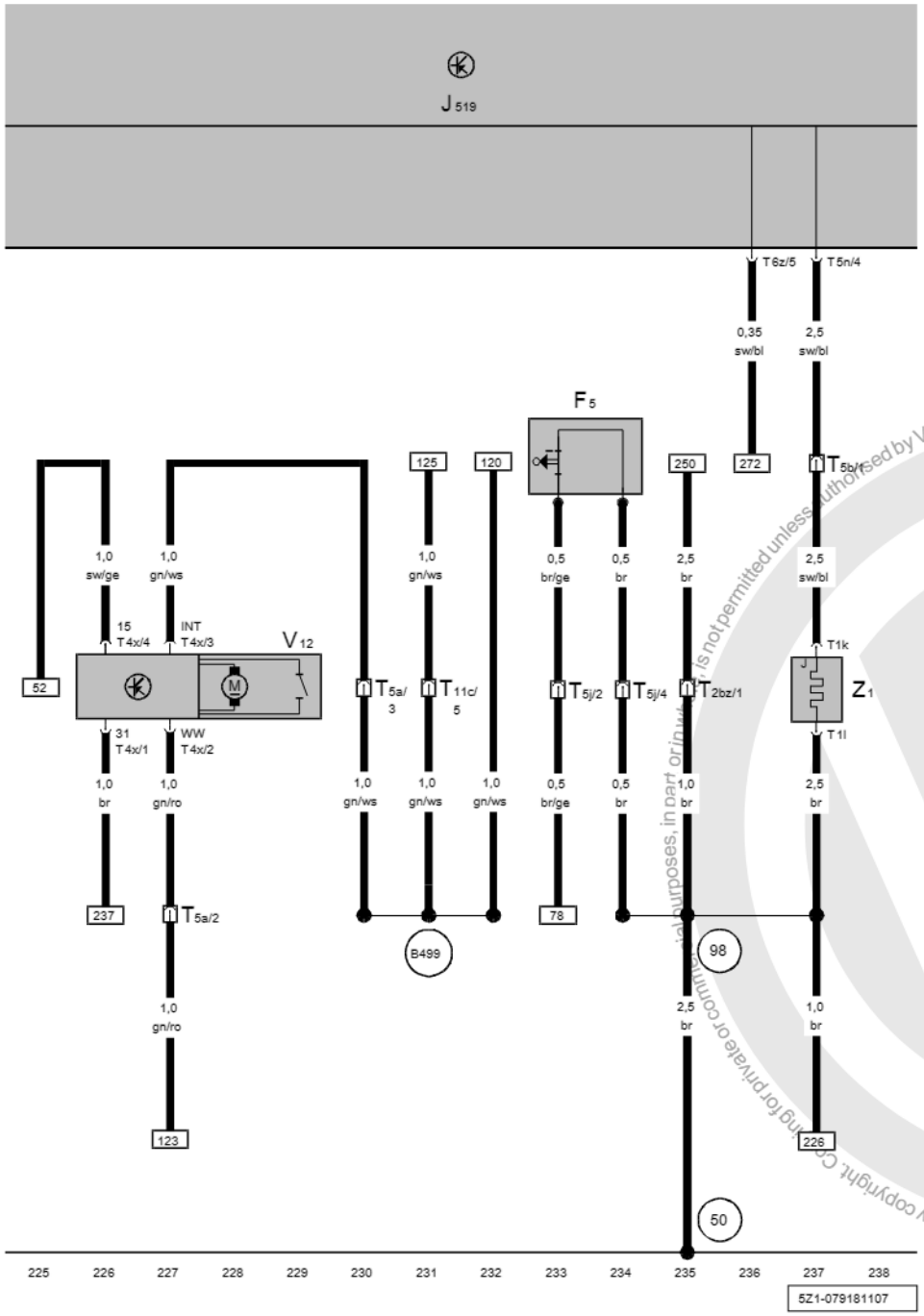


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or = orange
rs = pink

Horn or dual tone horn, onboard supply control unit, socket illumination bulb, 12 V socket

H1	Horn or dual tone horn
J519	Onboard supply control unit
L42	Socket illumination bulb
T2z	2-pin connector, on horn or dual tone horn
T3c	3-pin connector, on 12 V socket
T5n	5-pin connector, on onboard supply control unit
T12d	12-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
U5	12 V socket
B230	Connection (low bus), in interior wiring harness
B582	Positive connection (right indicator lamp), interior wiring harness
B606	Connection 2, in interior wiring harness
B680	Connection (socket), in interior wiring harness

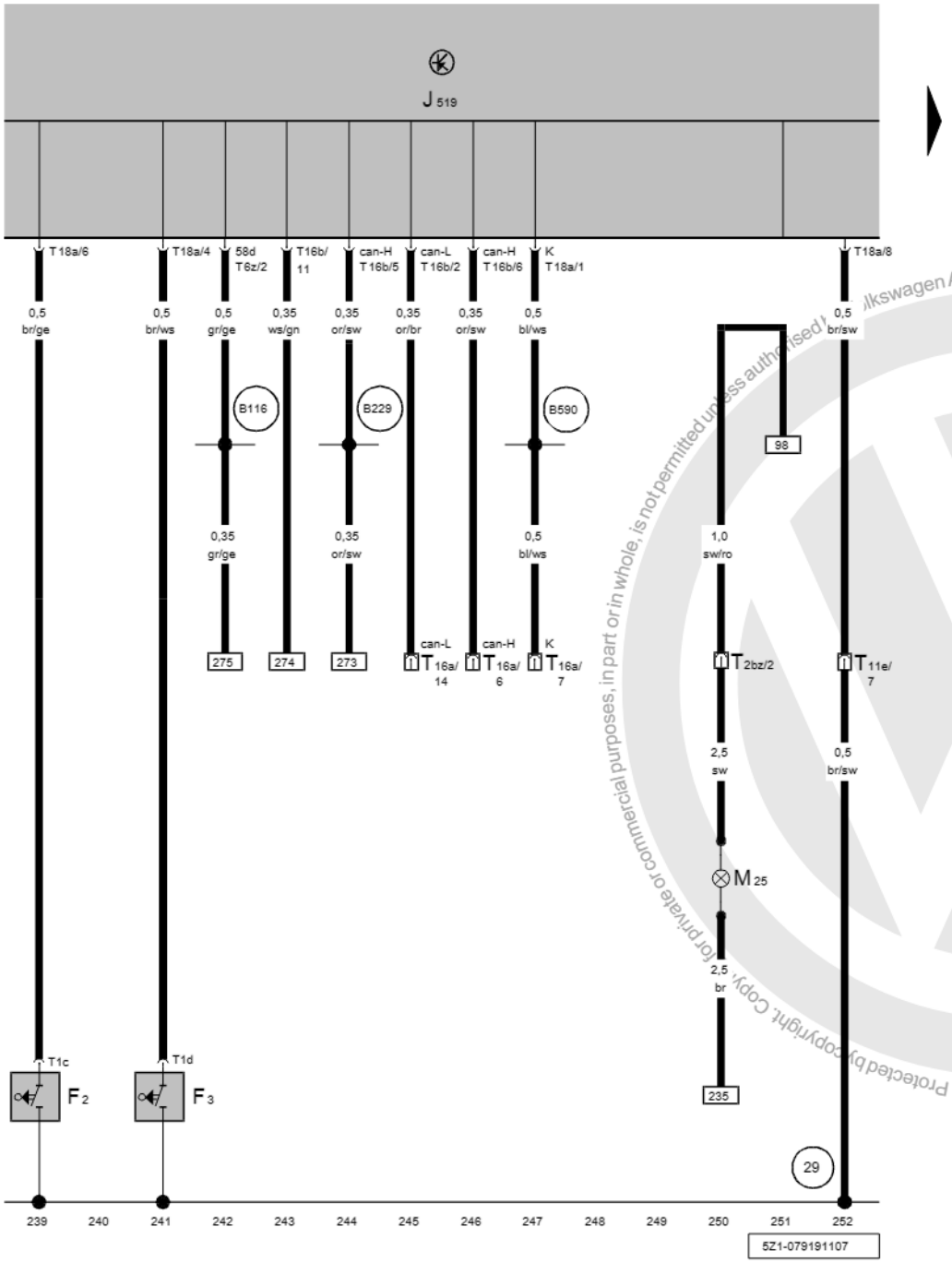


Luggage compartment light switch, onboard supply control unit, rear window wiper motor, heated rear window

F5	Luggage compartment light switch
J519	Onboard supply control unit
T1k	Single connector, on heated rear window
T1l	Single connector, on heated rear window
T2bz	2-pin connector, on brake light bulb
T4x	4-pin connector, on rear window wiper motor
T5a	5-pin connector, behind side trim on rear left, near wheel arch
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T5j	5-pin connector, on contact switch in lock cylinder for rear lid, anti-theft alarm system, central locking system
T5n	5-pin connector, on onboard supply control unit
T6z	6-pin connector, on onboard supply control unit
T11c	11-pin connector, in left engine compartment
V12	Rear window wiper motor
Z1	Heated rear window
50	Earth points, on left in luggage compartment
98	Earth connection, in rear lid wiring harness
B499	Connection 2 (53c), in interior wiring harness

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sw	=	black
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rt	=	red
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gn	=	green
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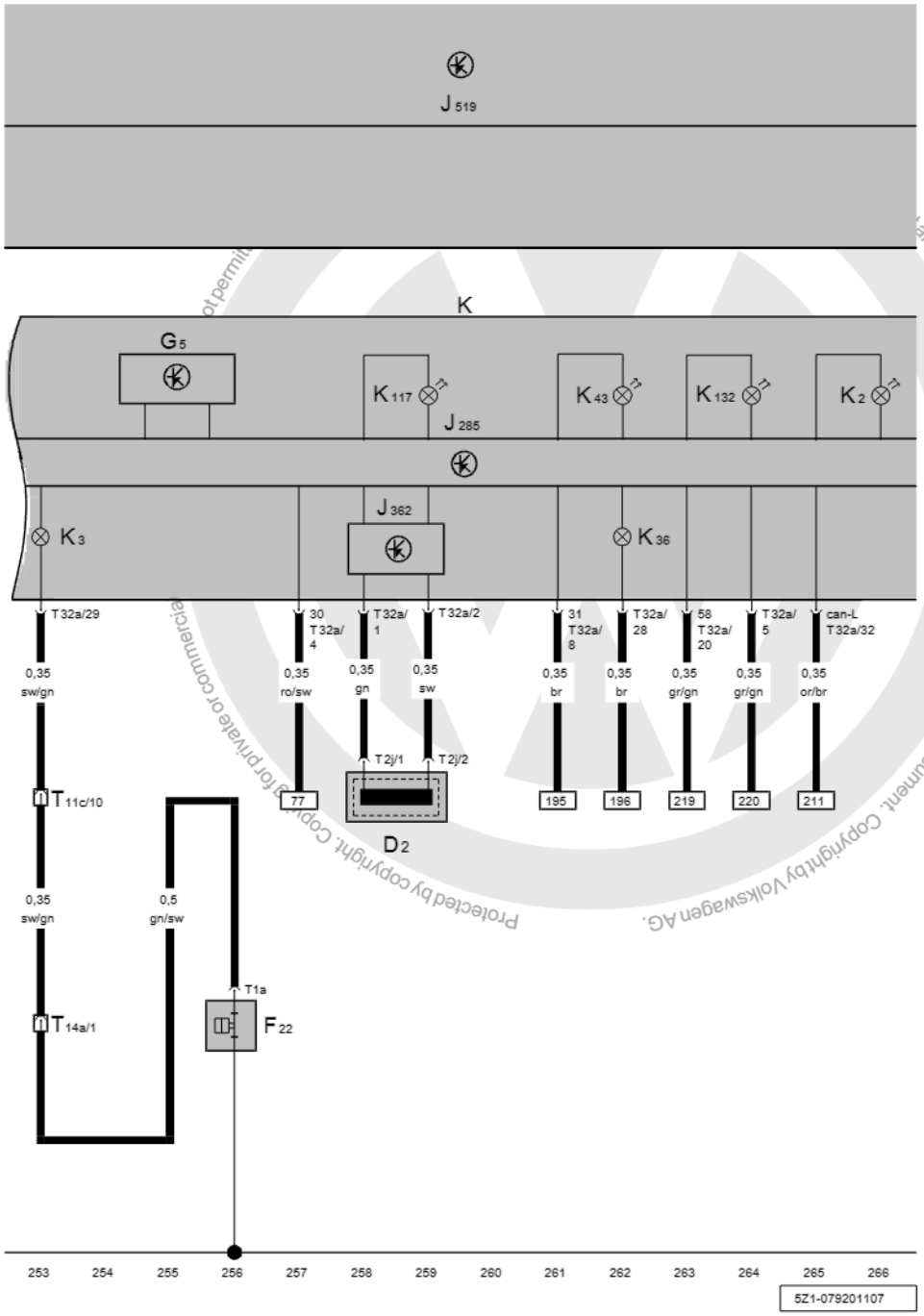


Driver door contact switch, front passenger door contact switch, onboard supply control unit, brake light bulb

F2	Driver door contact switch
F3	Front passenger door contact switch
J519	Onboard supply control unit
M25	Brake light bulb
T1c	Single connector, on driver door contact switch
T1d	Single connector, on front passenger door contact switch
T2bz	2-pin connector, on brake light bulb
T6z	6-pin connector, on onboard supply control unit
T11e	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T16b	16-pin connector, on onboard supply control unit
T18a	18-pin connector, on onboard supply control unit
29	Earth point, near battery
B116	Connection (58d), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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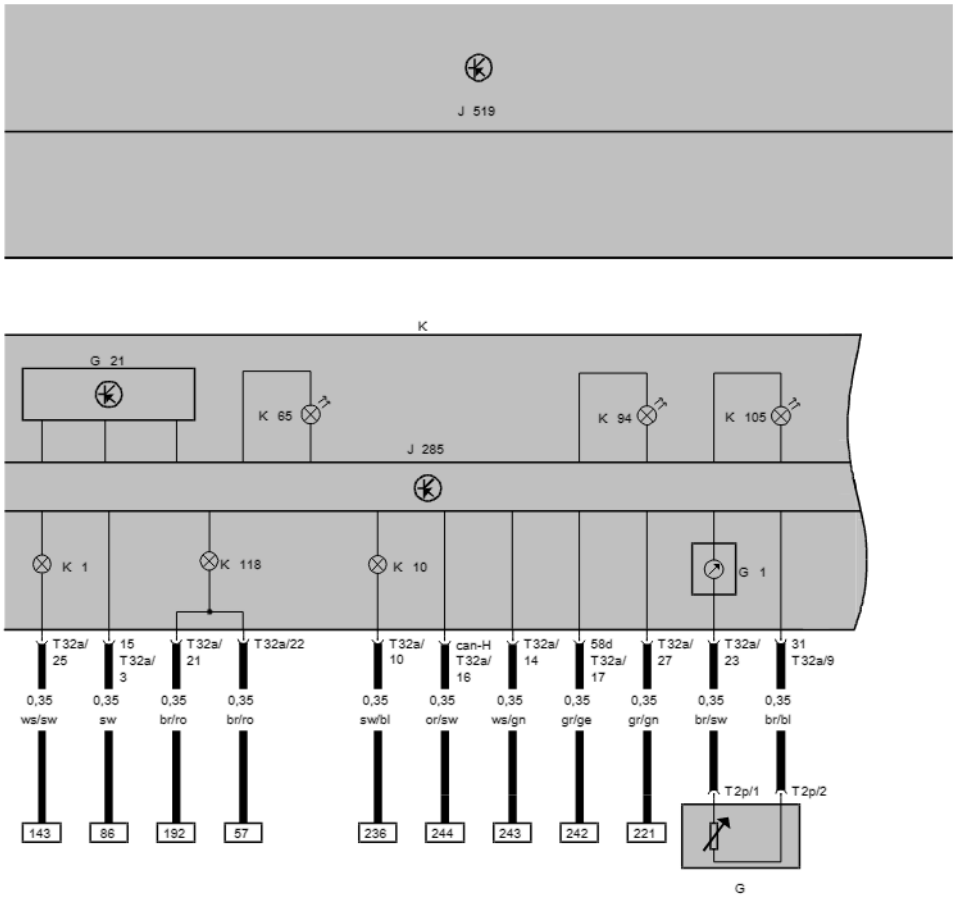


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Immobilizer reader coil, oil pressure switch, rev. counter, control unit in dash panel insert, immobilizer control unit, dash panel insert, alternator warning lamp

D2	Immobilizer reader coil
F22	Oil pressure switch
G5	Rev. counter
J285	Control unit in dash panel insert
J362	Immobilizer control unit
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K36	Coolant shortage warning lamp
K43	Coolant temperature warning lamp (too cold)
K117	Immobilizer warning lamp
K132	Electric power control fault lamp
T1a	Single pin connector, on oil pressure switch
T2j	2-pin connector, on immobilizer reader coil
T11c	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert

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ro	=	red
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Fuel gauge sender, fuel gauge, speedometer, main beam warning lamp, heated rear window warning lamp, left turn signal warning lamp

G	Fuel gauge sender
G1	Fuel gauge
G21	Speedometer
J519	Onboard supply control unit
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K10	Heated rear window warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K105	Reserve fuel warning lamp
K118	Brake system warning lamp
T2p	2-pin connector, on fuel gauge sender
T32a	32-pin connector, on dash panel insert

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Air conditioning system

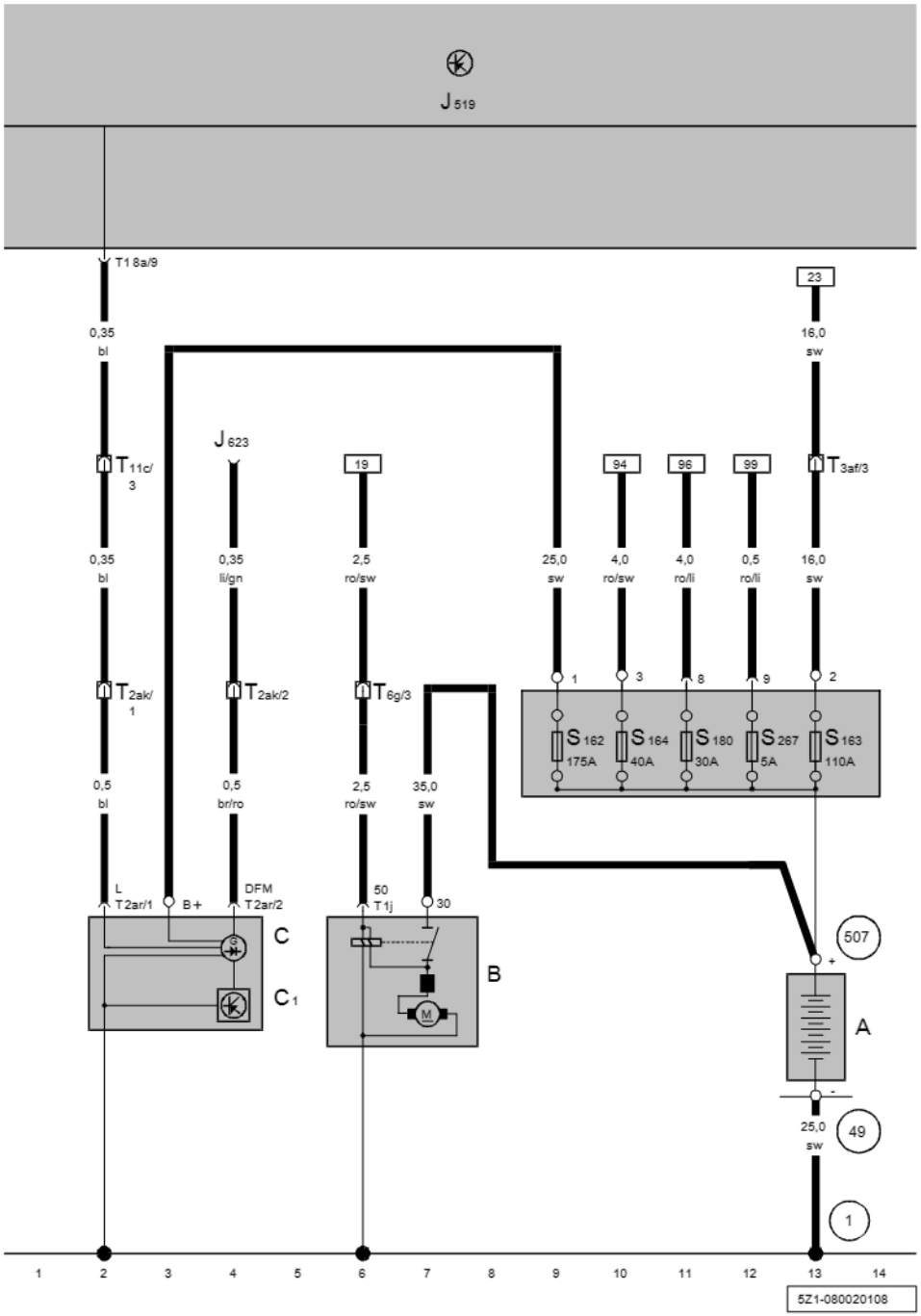
⇒ 1.9 l - SDI - 47 kW, engine code ASY
from December 2007

Notes:
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

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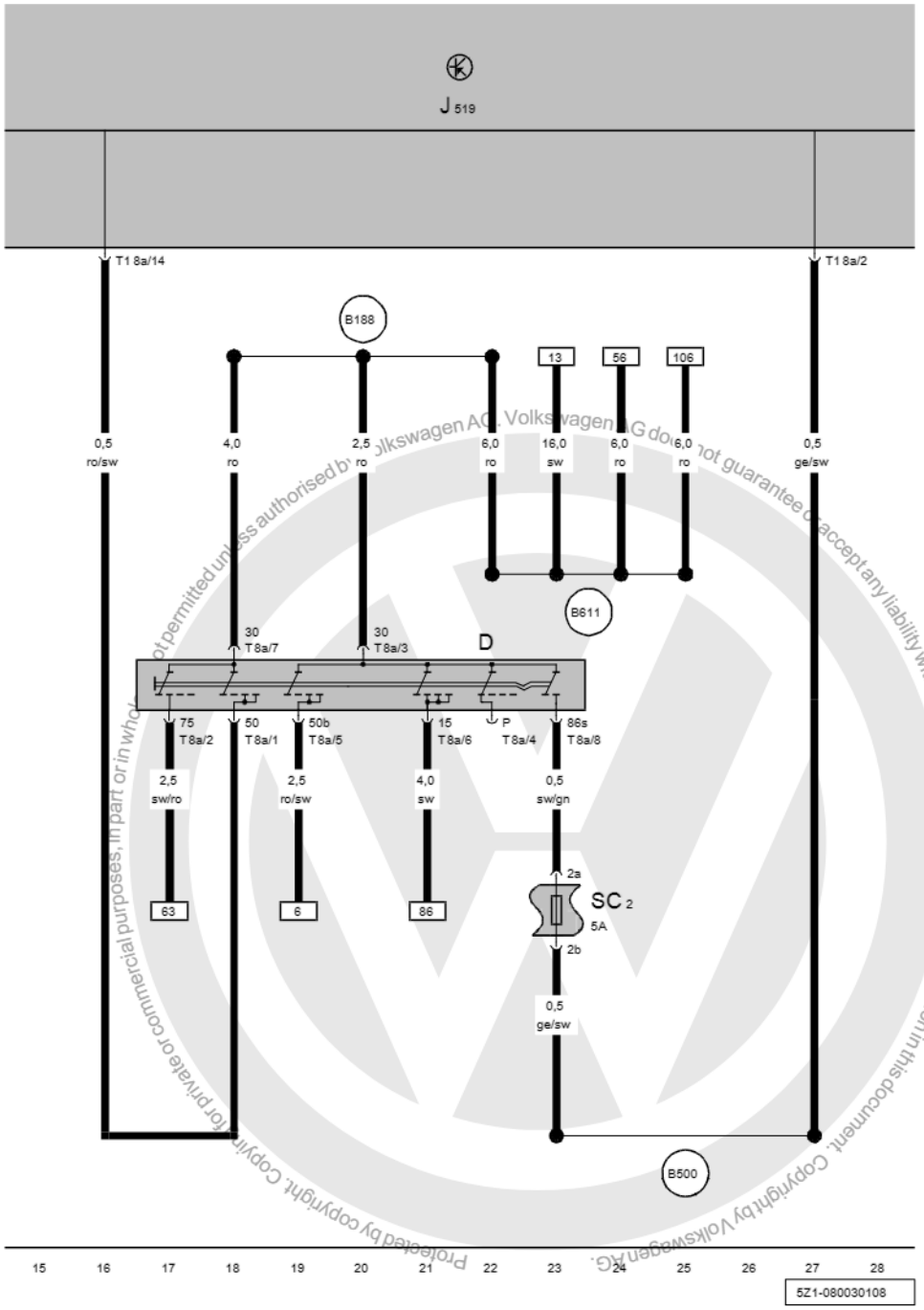


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Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S164	Fuse 3 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
S267	Fuse 9 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T3af	3-pin connector, in left engine compartment
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

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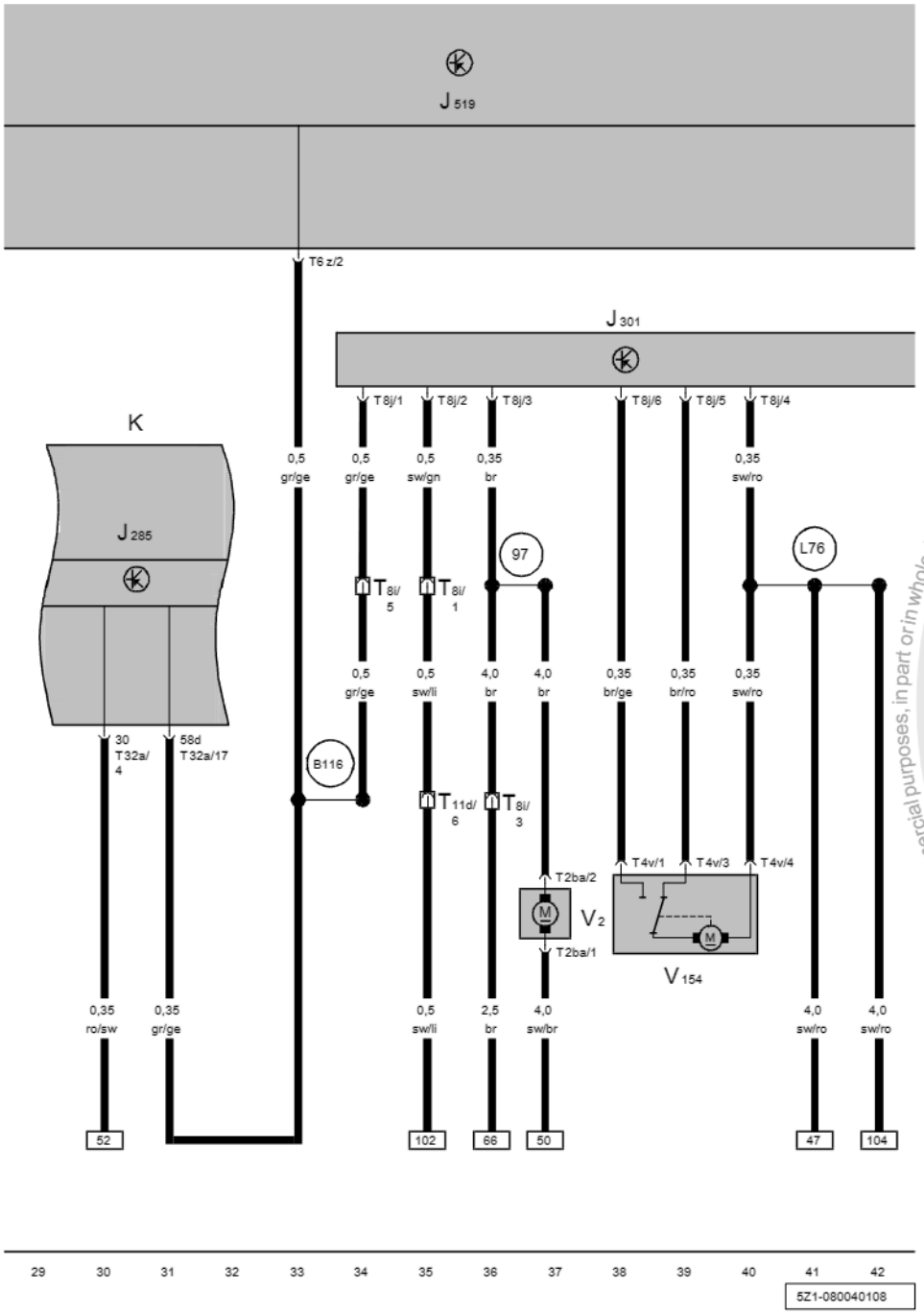


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Ignition/starter switch, onboard supply control unit

D	Ignition/starter switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T18a	18-pin connector, on onboard supply control unit
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness
B611	Connection 7, in interior wiring harness

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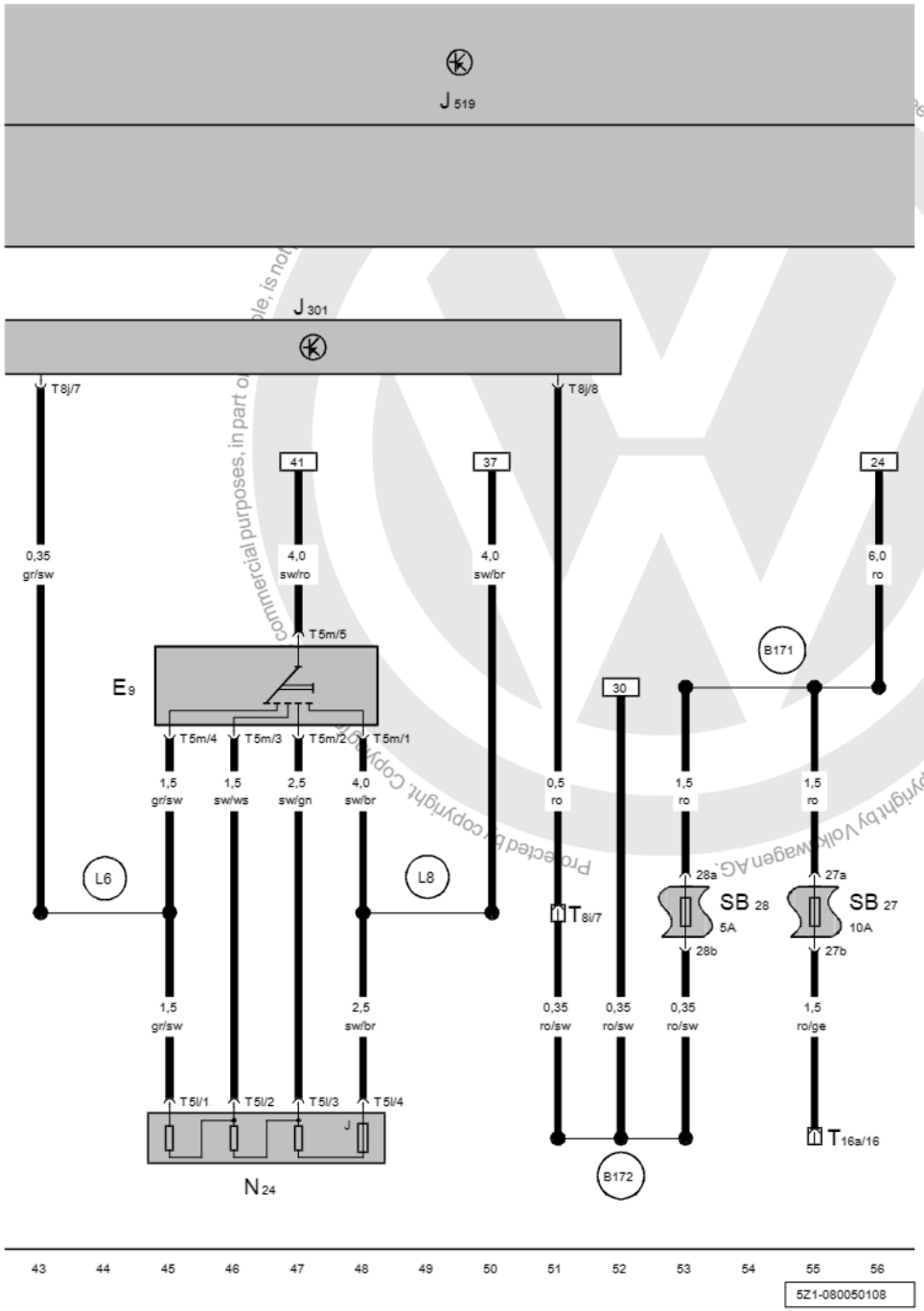


Control unit with display in dash panel insert, air conditioning system control unit, dash panel insert, fresh air blower, fresh air and air recirculation flap control motor

J285	Control unit with display in dash panel insert
J301	Air conditioning system control unit
J519	Onboard supply control unit
K	Dash panel insert
T2ba	2-pin connector, on fresh air blower
T4v	4-pin connector, on fresh air and air recirculation flap control motor
T6z	6-pin connector, on onboard supply control unit
T8i	8-pin connector, behind the dash panel, right
T8j	8-pin connector, on air conditioning system control unit
T11d	11-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert
V2	Fresh air blower
V154	Fresh air/recirculated air flap control motor
97	Earth connection 1, in air conditioning system wiring harness
B116	Connection (58d), in interior wiring harness
L76	Connection (87), in evaporator housing unit wiring harness

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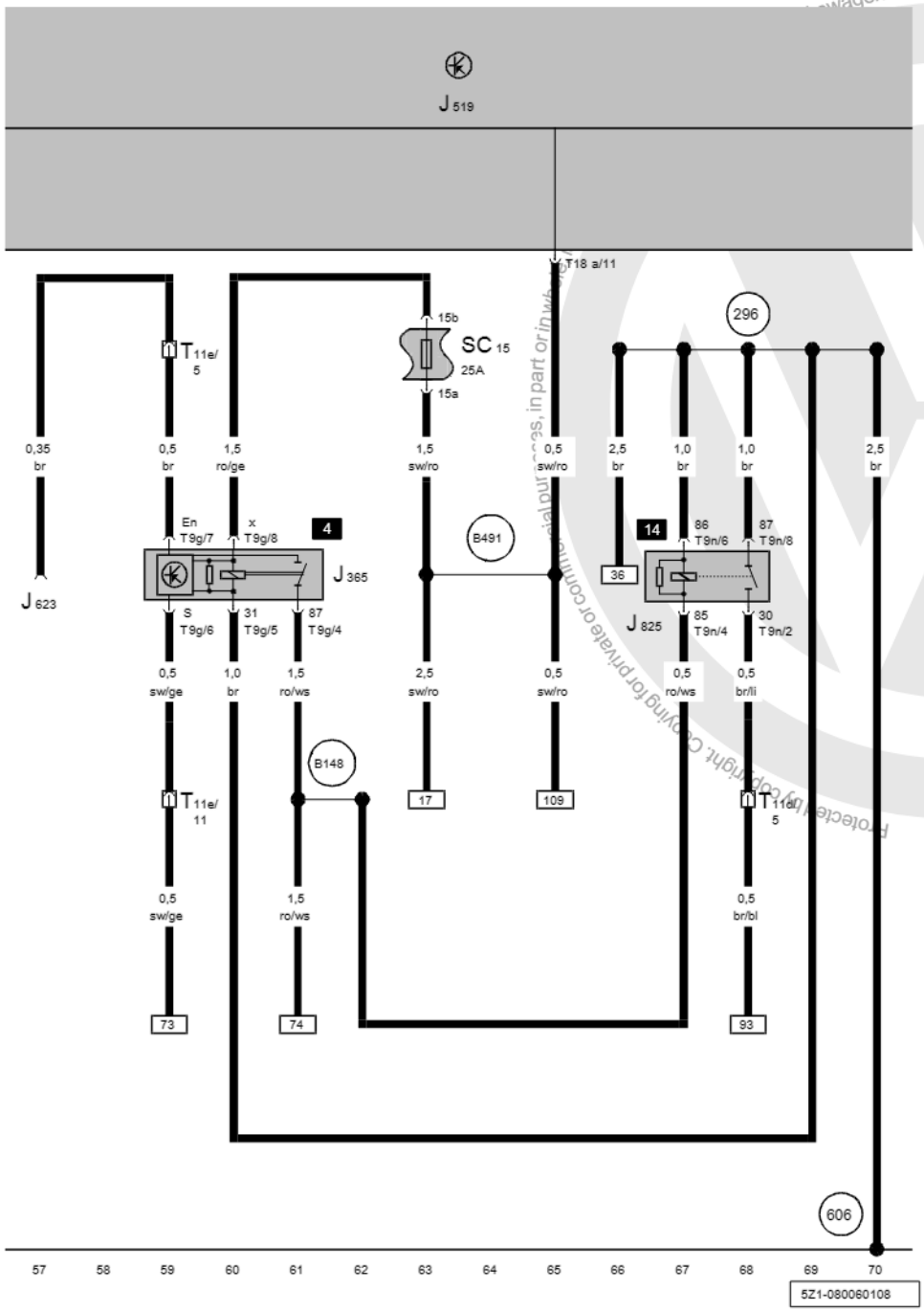


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Fresh air blower switch, air conditioning system control unit, onboard supply control unit, fresh air blower series resistor with overheating fuse

E9	Fresh air blower switch
J301	Air conditioning system control unit
J519	Onboard supply control unit
N24	Fresh air blower series resistor with overheating fuse
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
T5l	5-pin connector, on fresh air blower series resistor with overheating fuse
T5m	5-pin connector, on fresh air blower switch
T8i	8-pin connector, behind the dash panel, right
T8j	8-pin connector, on air conditioning system control unit
T16a	16-pin connector, diagnostic
B171	Positive connection 3 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness

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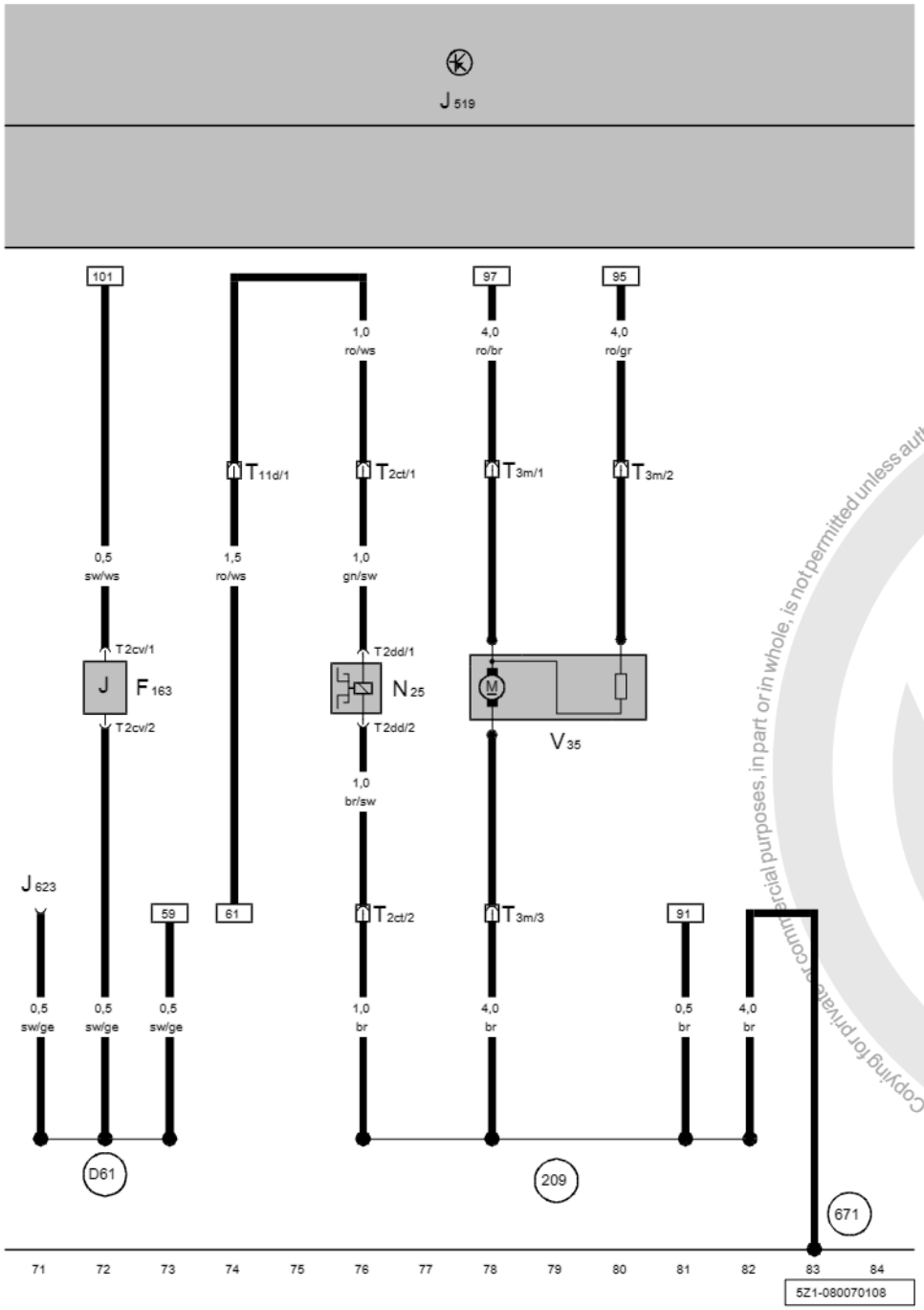


Air conditioning system switch-off relay, onboard supply control unit, relay for air conditioning system, diesel engine

J365	Air conditioning system switch-off relay
J519	Onboard supply control unit
J623	Engine control unit
J825	Relay for air conditioning system, diesel engine
SC15	Fuse 15 on fuse holder C
T9g	9-pin connector, on air conditioning system switch-off relay
T9n	9-pin connector, on air conditioning system relay, diesel engine
T11d	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
296	Earth connection 11, in interior wiring harness
606	Earth point, under the centre console near selector lever
B148	Positive connection 3 (87), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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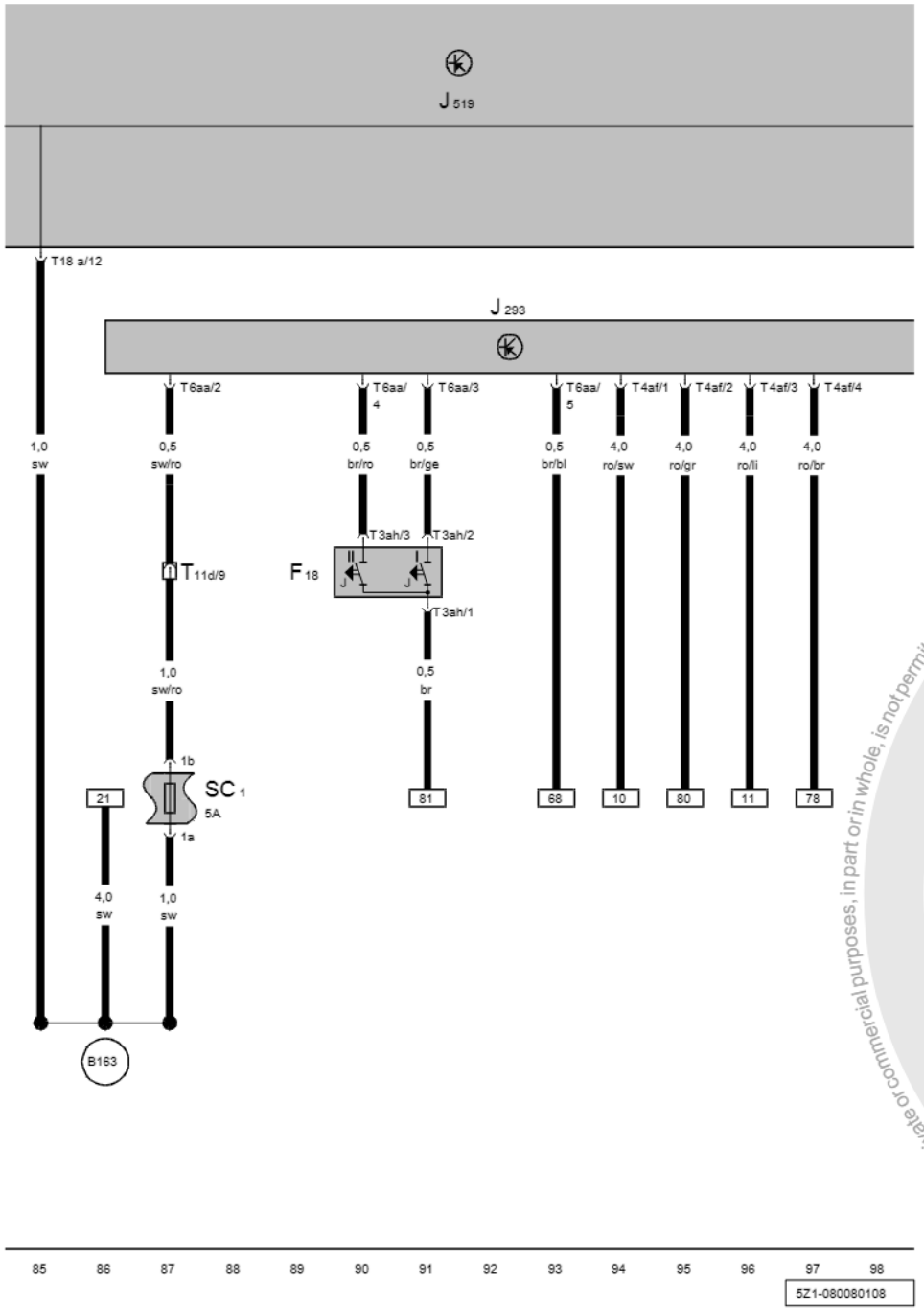


Thermal switch for air conditioning system shut-off, onboard supply control unit, air conditioning system magnetic clutch, radiator fan on right of radiator

F163	Thermal switch for air conditioning system shut-off
J519	Onboard supply control unit
J623	Engine control unit
N25	Air conditioning system magnetic coupling
T2ct	2-pin connector, on right in engine compartment
T2cv	2-pin connector, on thermal switch for air conditioning system shut-off
T2dd	2-pin connector, on air conditioning system magnetic clutch
T3m	3-pin connector, on radiator fan on right
T11d	11-pin connector, in left engine compartment
V35	Right radiator fan
209	Earth connection 6, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
D61	Connection (air conditioning system), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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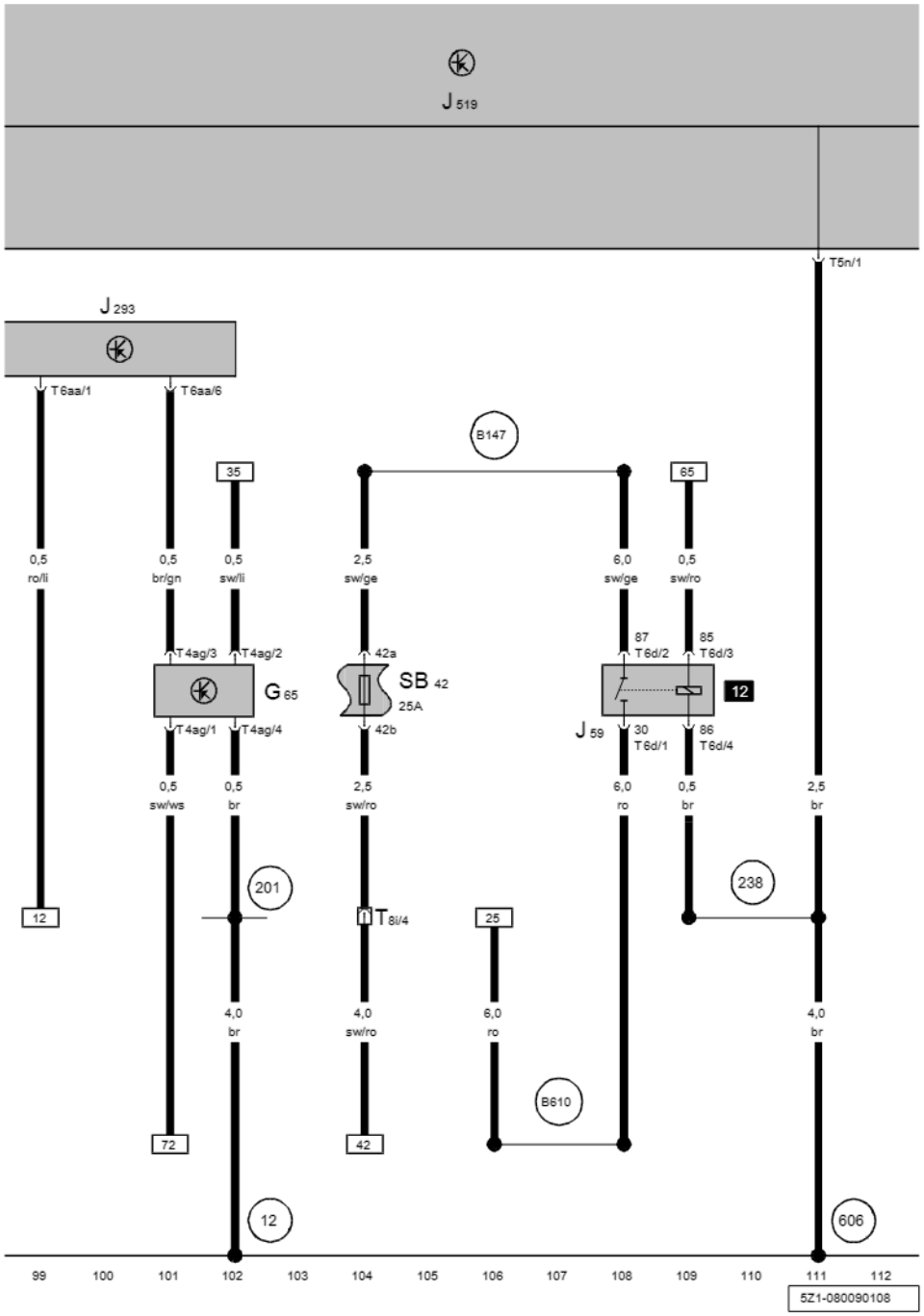


Radiator fan thermal switch, radiator fan control unit, onboard supply control unit

F18	Radiator fan thermal switch
J293	Radiator fan control unit
J519	Onboard supply control unit
SC1	Fuse 1 on fuse holder C
T3ah	3-pin connector, on radiator fan thermal switch
T4af	4-pin connector, on radiator fan control unit
T6aa	6-pin connector, on radiator fan control unit
T11d	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

High-pressure sender, X-contact relief relay, radiator fan control unit, onboard supply control unit

G65	High pressure sender
J59	X-contact relief relay
J293	Radiator fan control unit
J519	Onboard supply control unit
SB42	Fuse 42 on fuse holder B
T4ag	4-pin connector, on high pressure sender
T5n	5-pin connector, on onboard supply control unit
T6aa	6-pin connector, on radiator fan control unit
T6d	6-pin connector, on X-contact relief relay
T8i	8-pin connector, behind the dash panel, right

12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B147	Positive connection 2 (87), in interior wiring harness
B610	Connection 6, in interior wiring harness

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Airbag

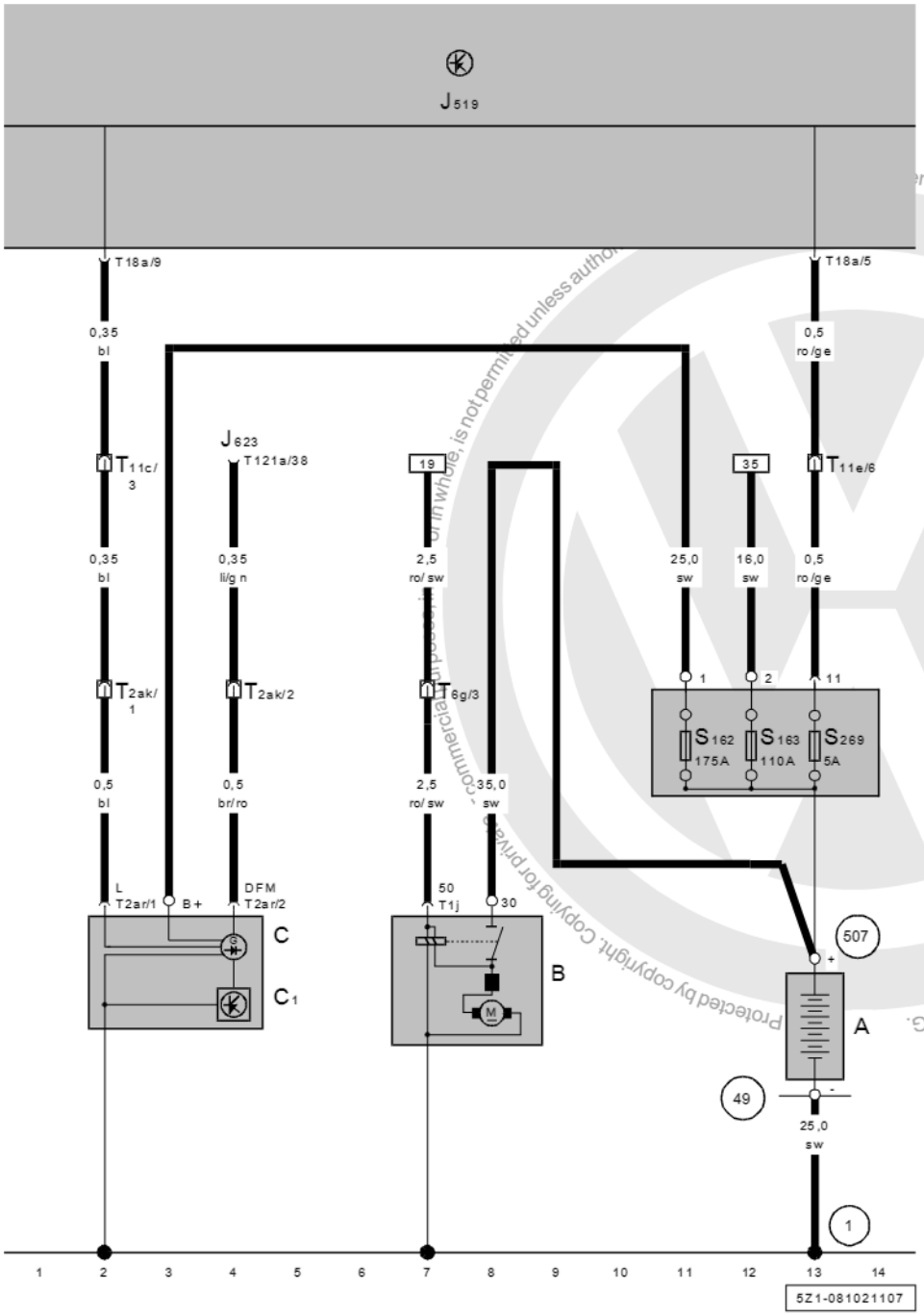
⇒ 1.9 l - SDI - 47 kW, engine code ASY
from December 2007

Notes:
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

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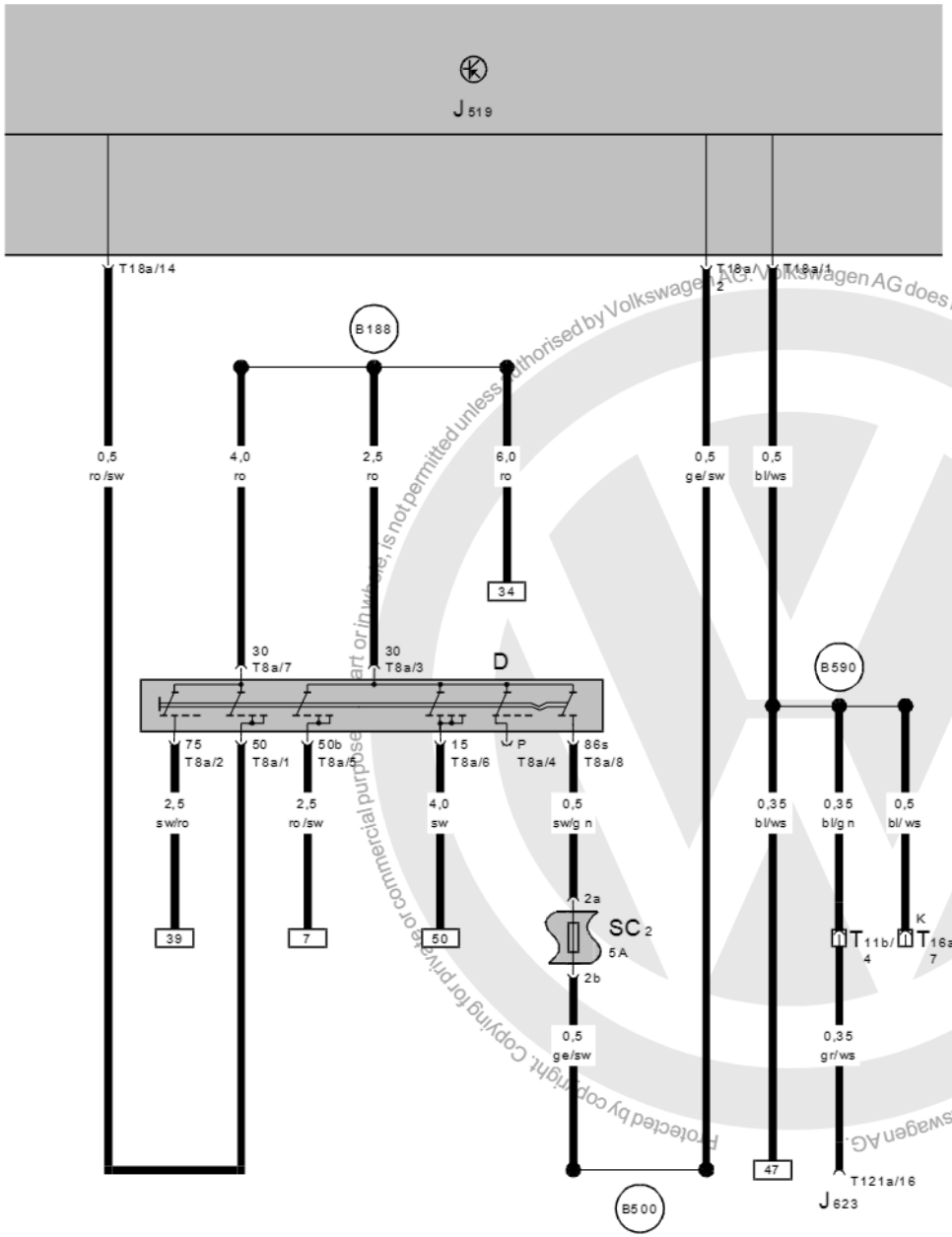


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S269	Fuse 11 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
T121a	121-pin connector, on engine control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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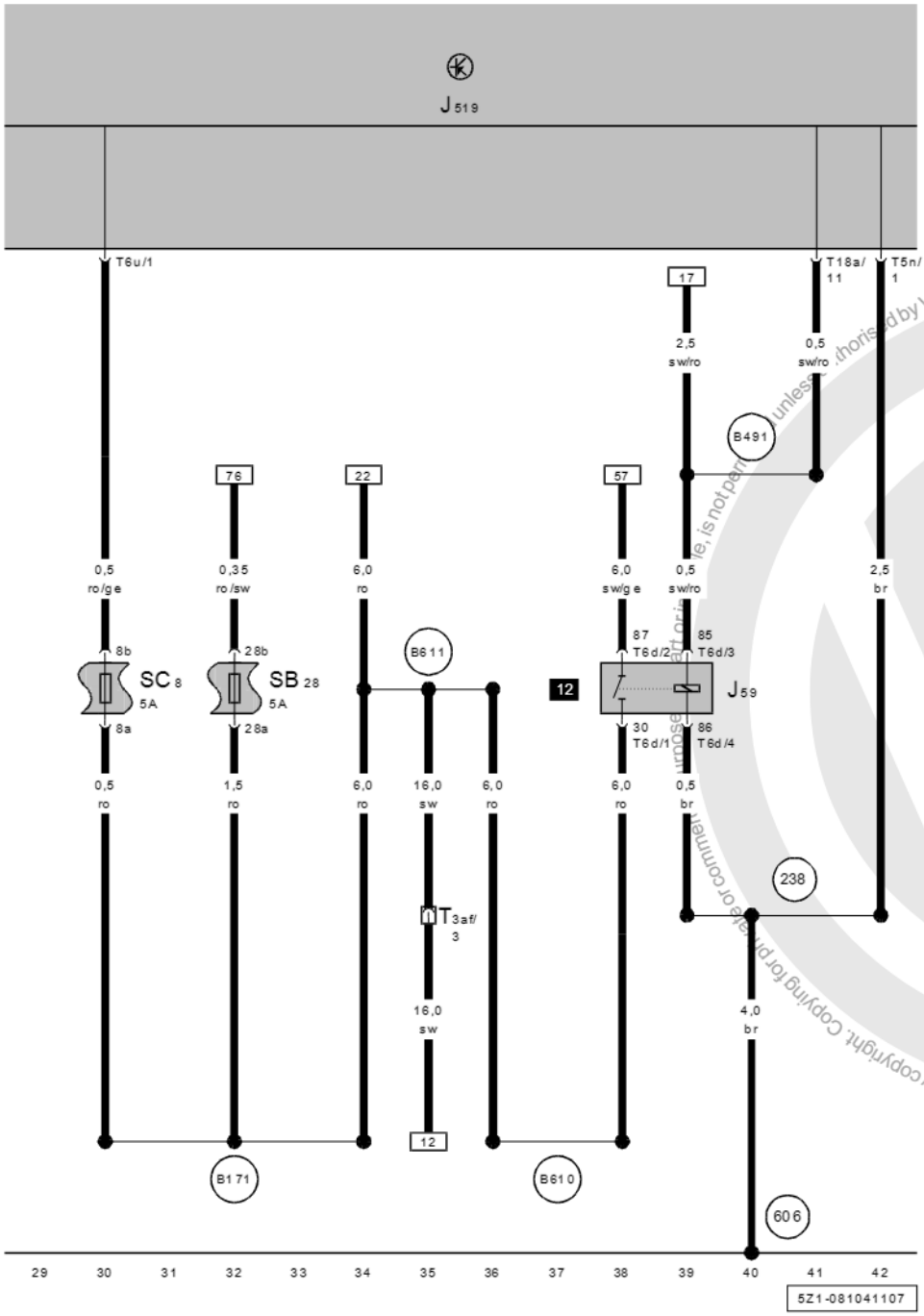


Ignition/starter switch, onboard supply control unit

D	Ignition/starter switch
J519	Onboard supply control unit
J623	Engine control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T11b	11-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
T18a	18-pin connector, on onboard supply control unit
T121a	121-pin connector, on engine control unit
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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gn	=	green
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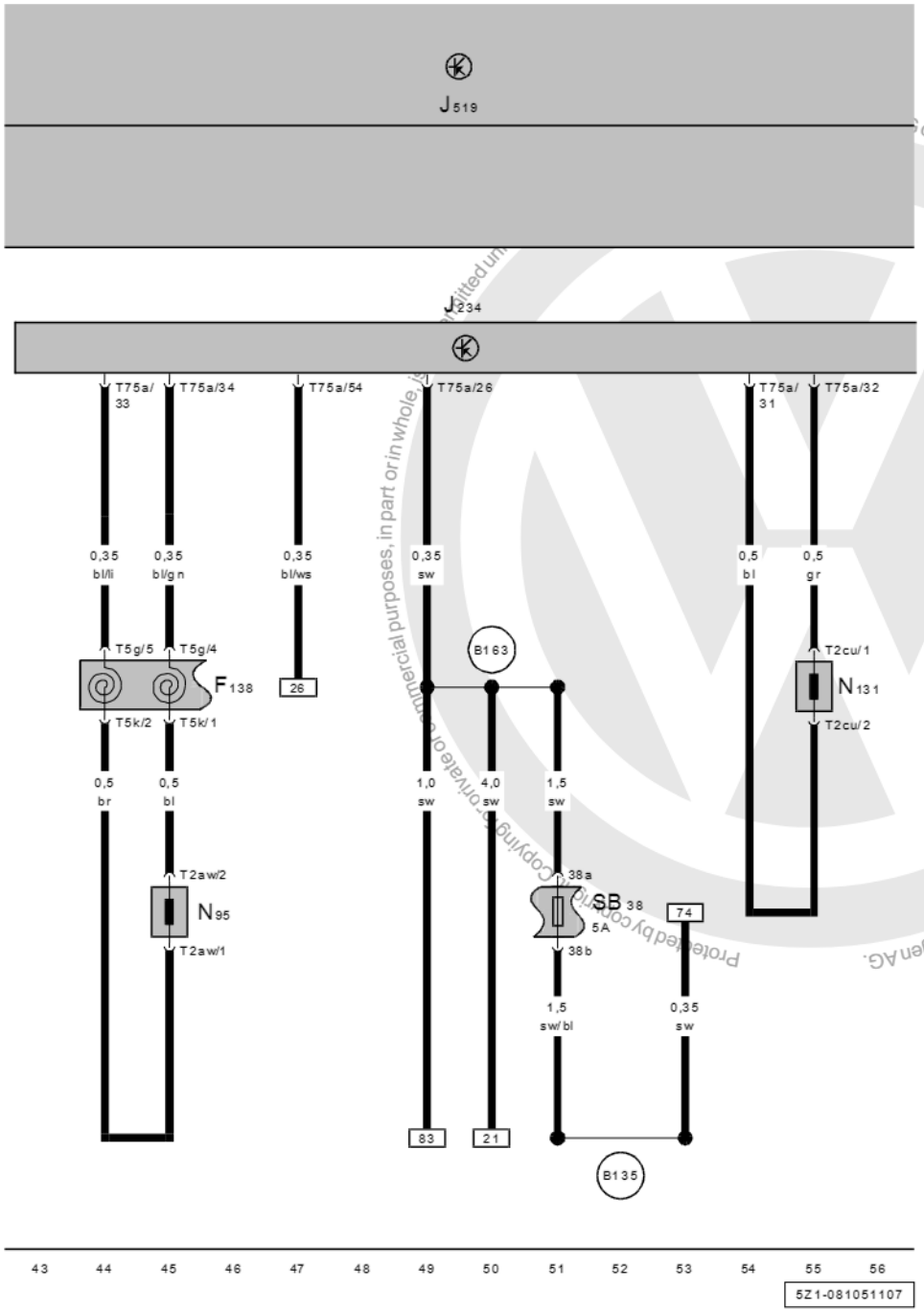


X-contact relief relay, onboard supply control unit

J59	X-contact relief relay
J519	Onboard supply control unit
SB28	Fuse 28 on fuse holder B
SC8	Fuse 8 on fuse holder C
T3af	3-pin connector, in left engine compartment
T5n	5-pin connector, on onboard supply control unit
T6d	6-pin connector, on X-contact relief relay
T6u	6-pin connector, on onboard supply control unit
T18a	18-pin connector, on onboard supply control unit
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B171	Positive connection 3 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B610	Connection 6, in interior wiring harness
B611	Connection 7, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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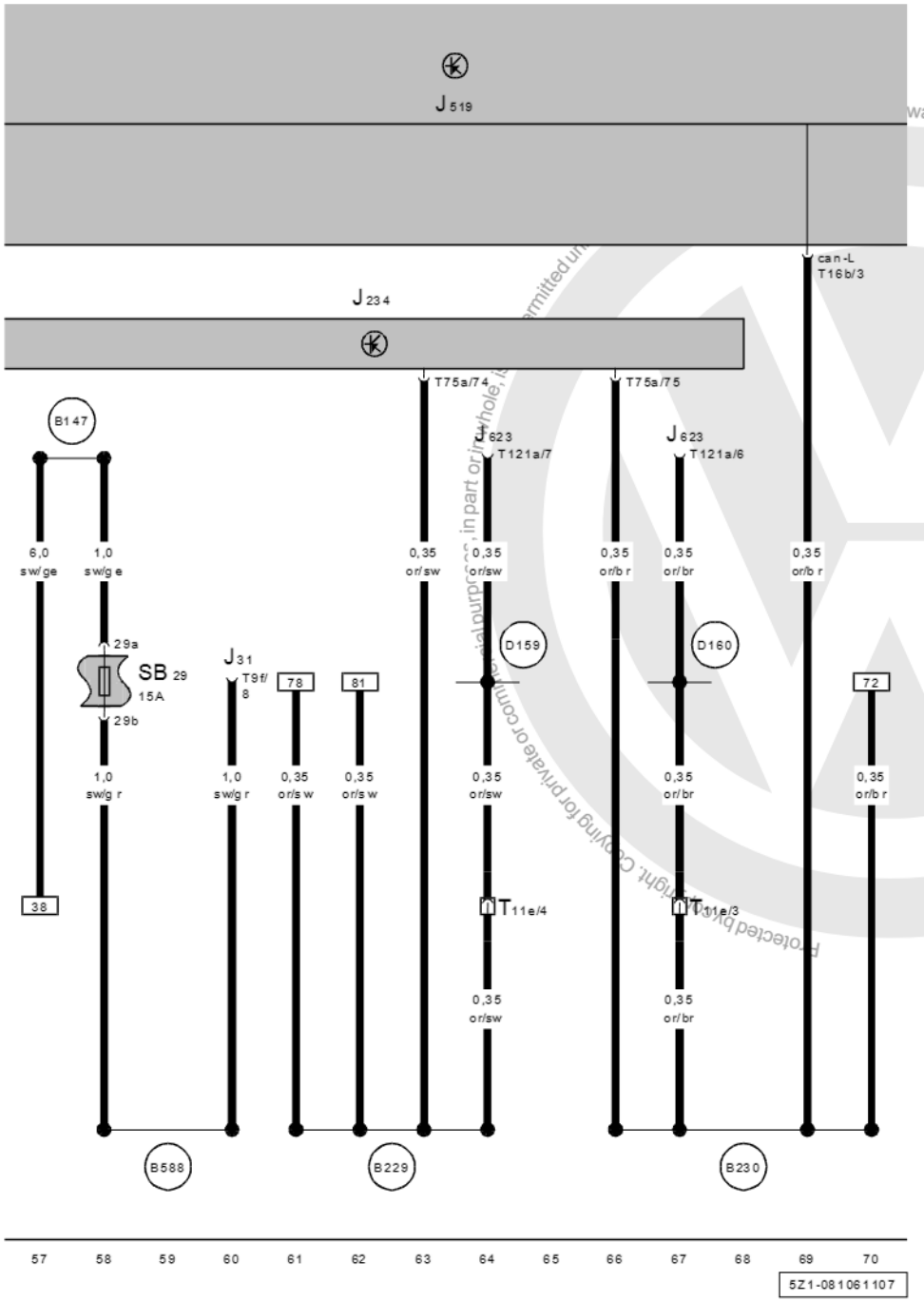


Airbag coil connector and return ring with slip ring, airbag control unit, driver side airbag igniter, front passenger side airbag igniter 1

F138	Airbag coil connector and return spring with slip ring
J234	Airbag control unit
J519	Onboard supply control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
SB38	Fuse 38 on fuse holder B
T2aw	2-pin connector, on driver side airbag igniter
T2cu	2-pin connector, on front passenger side airbag igniter 1
T5g	5-pin connector, on airbag coil connector and return spring with slip ring
T5k	5-pin connector, on airbag coil connector and return spring with slip ring
T75a	75-pin connector, on airbag control unit
B135	Positive connection 1 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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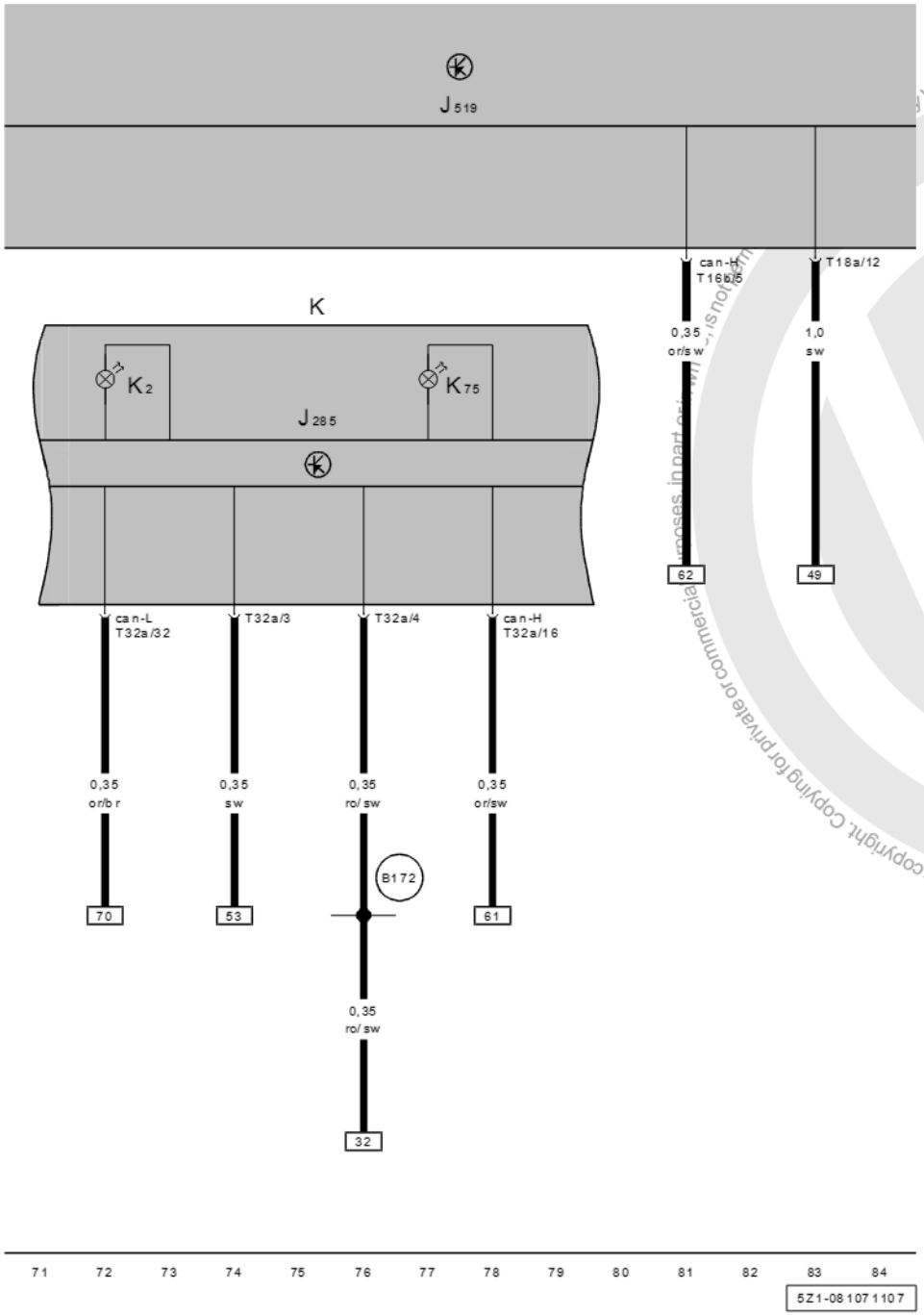


Control unit in dash panel insert, onboard supply control unit

J31	Automatic intermittent wash and wipe relay
J234	Airbag control unit
J519	Onboard supply control unit
J623	Engine control unit
SB29	Fuse 29 on fuse holder B
T9f	9-pin connector, on automatic intermittent wash and wipe relay
T11e	11-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
T75a	75-pin connector, on airbag control unit
T121a	121-pin connector, on engine control unit
B147	Positive connection 2 (87), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B588	Positive connection (53a), in interior wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Control unit in dash panel insert, onboard supply control unit, dash panel insert, alternator warning lamp, airbag warning lamp

J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K75	Airbag warning lamp
T16b	16-pin connector, on onboard supply control unit
T18a	18-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
B172	Positive connection 4 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Anti-lock brake system ABS

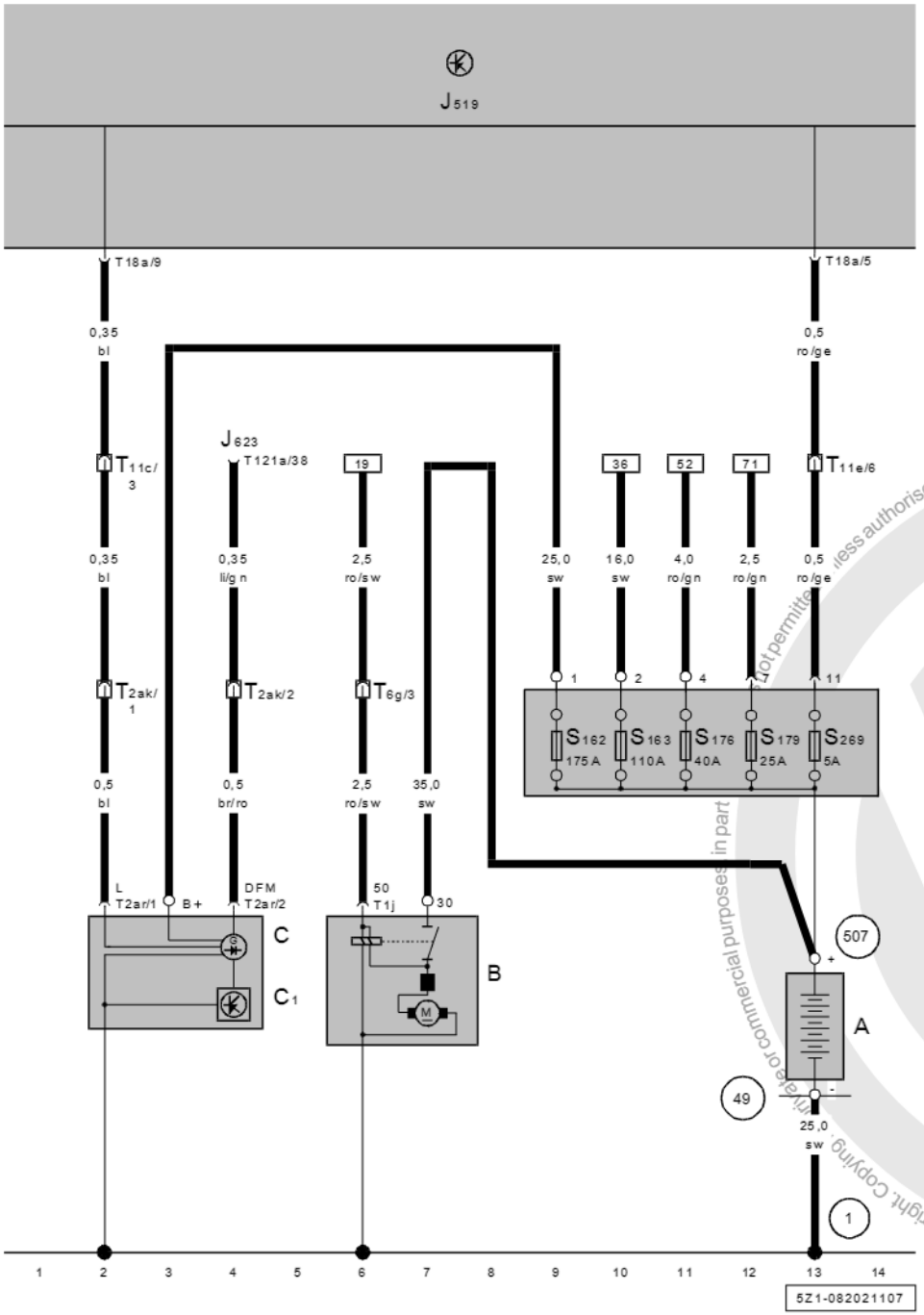
⇒ 1.9 l - SDI - 47 kW, engine code ASY
from December 2007

Notes:
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

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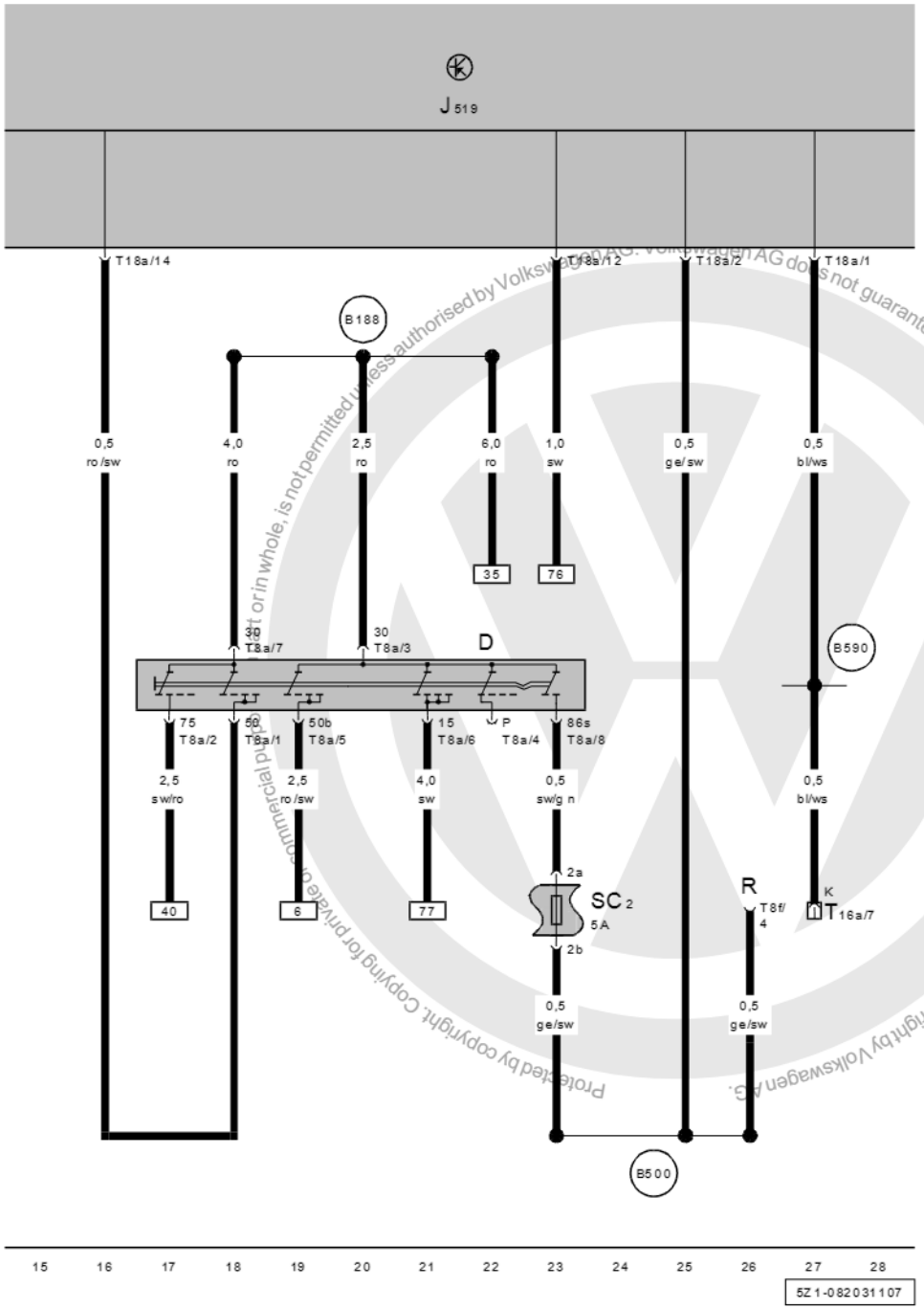


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S176	Fuse 4 (30) in fuse holder on battery
S179	Fuse 7 (30) in fuse holder on battery
S269	Fuse 11 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
T121a	121-pin connector, on engine control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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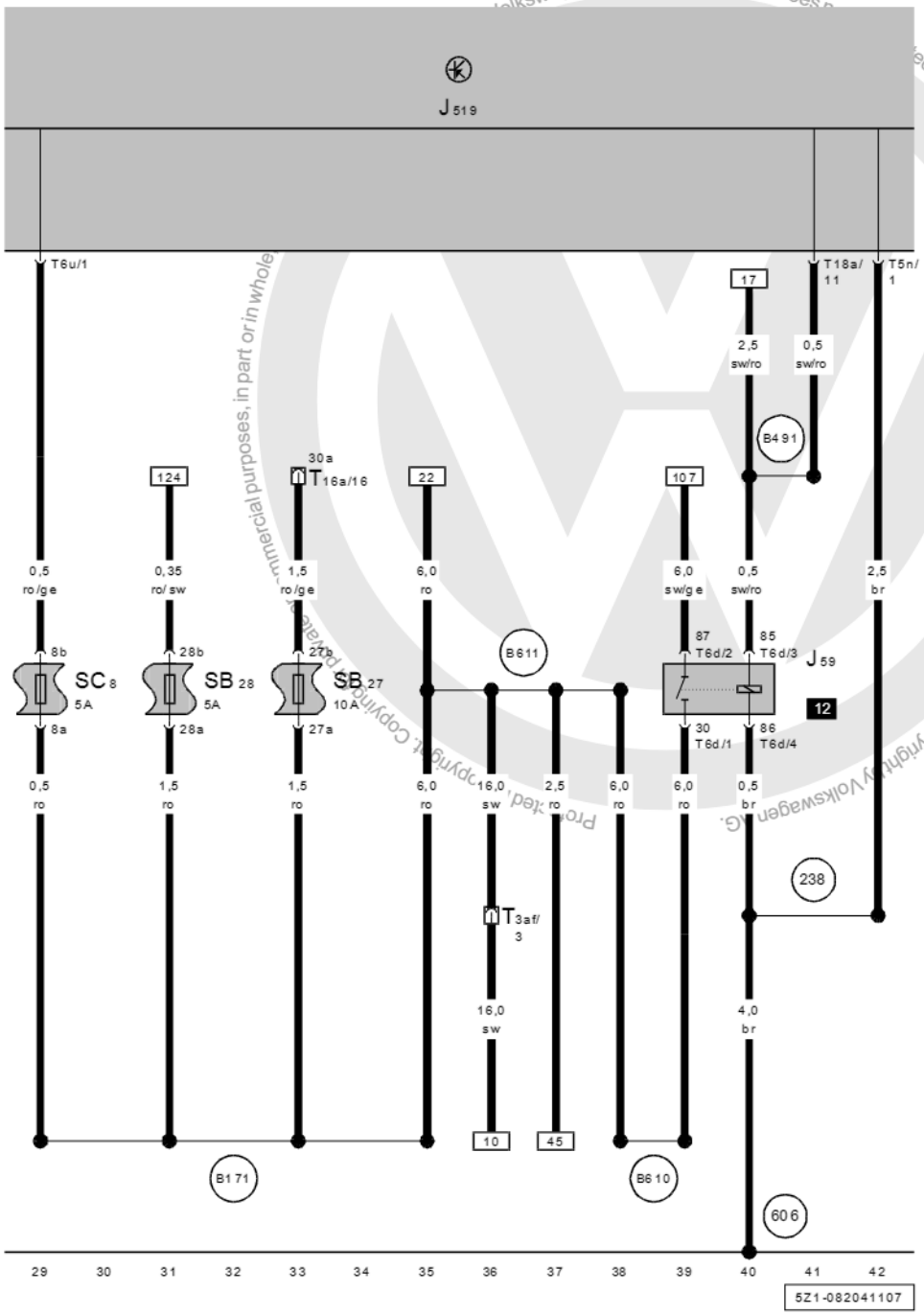


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Ignition/starter switch, onboard supply control unit

D	Ignition/starter switch
J519	Onboard supply control unit
R	Radio
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T8f	8-connector, on radio
T16a	16-pin connector, diagnostic
T18a	18-pin connector, on onboard supply control unit
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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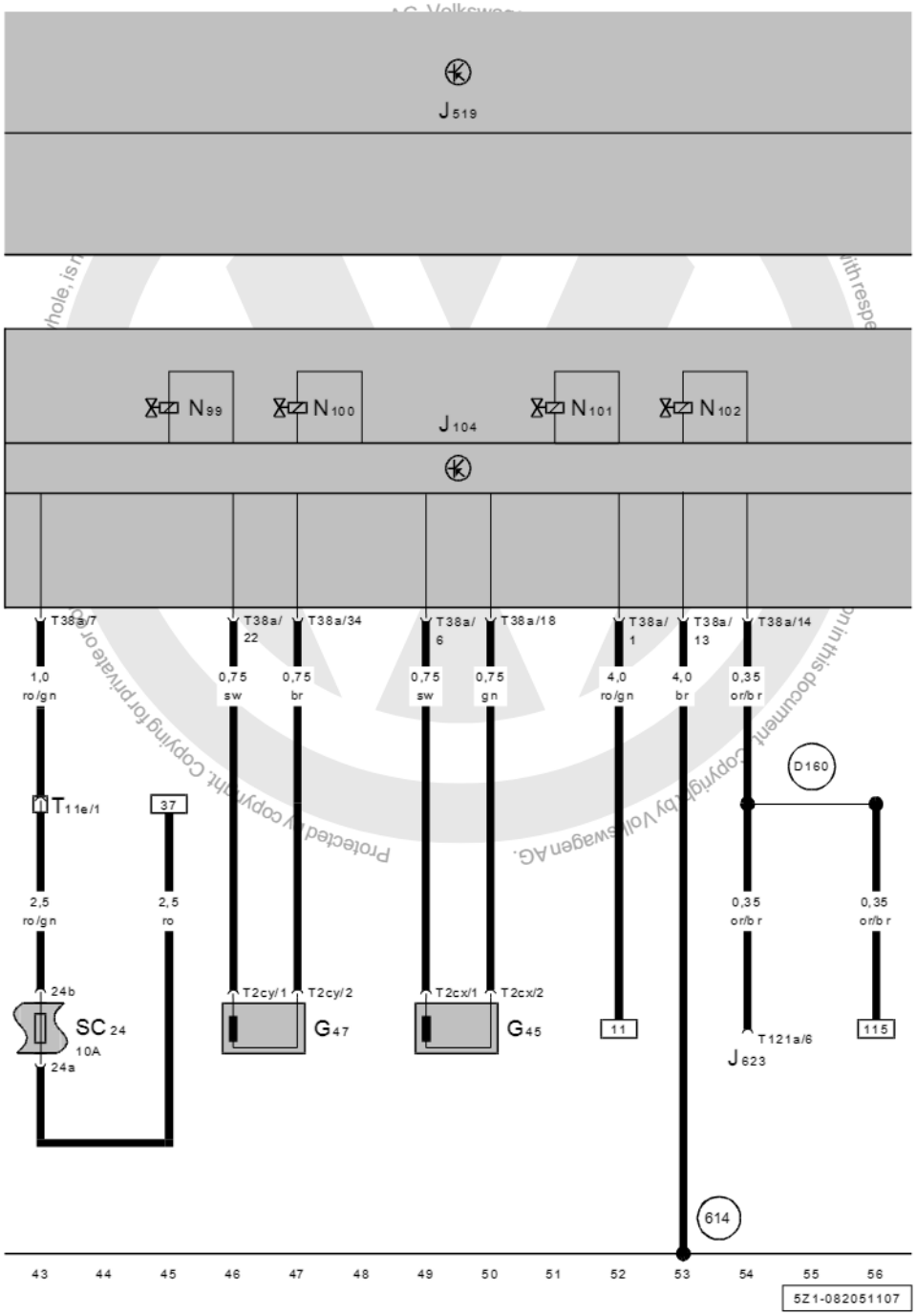


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X-contact relief relay, onboard supply control unit

J59	X-contact relief relay
J519	Onboard supply control unit
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SC8	Fuse 8 on fuse holder C
T3af	3-pin connector, in left engine compartment
T5n	5-pin connector, on onboard supply control unit
T6d	6-pin connector, on X-contact relief relay
T6u	6-pin connector, on onboard supply control unit
T16a	16-pin connector, diagnostic
T18a	18-pin connector, on onboard supply control unit
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B171	Positive connection 3 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B610	Connection 6, in interior wiring harness
B611	Connection 7, in interior wiring harness

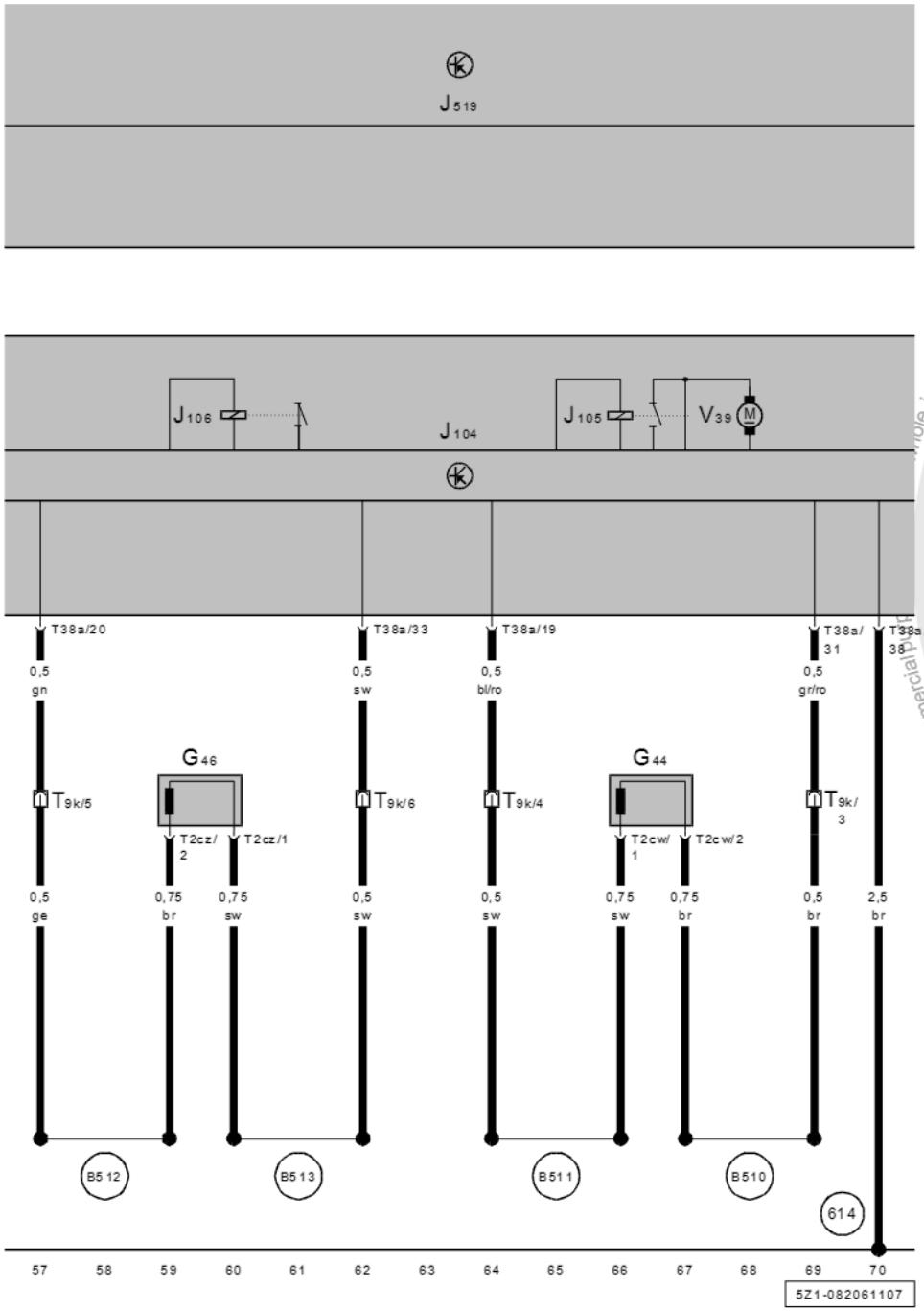
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Front right speed sensor, front left speed sensor, ABS control unit, onboard supply control unit, front right ABS inlet valve

G45	Front right speed sensor
G47	Front left speed sensor
J104	ABS control unit
J519	Onboard supply control unit
J623	Engine control unit
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N101	Front left ABS inlet valve
N102	Front left ABS outlet valve
SC24	Fuse 24 on fuse holder C
T2cx	2-pin connector, on front right speed sensor
T2cy	2-pin connector, on front left speed sensor
T11e	11-pin connector, in left engine compartment
T38a	38-pin connector, on ABS control unit
T121a	121-pin connector, on engine control unit
614	Earth point 2, on right in engine compartment
D160	Connection (low bus), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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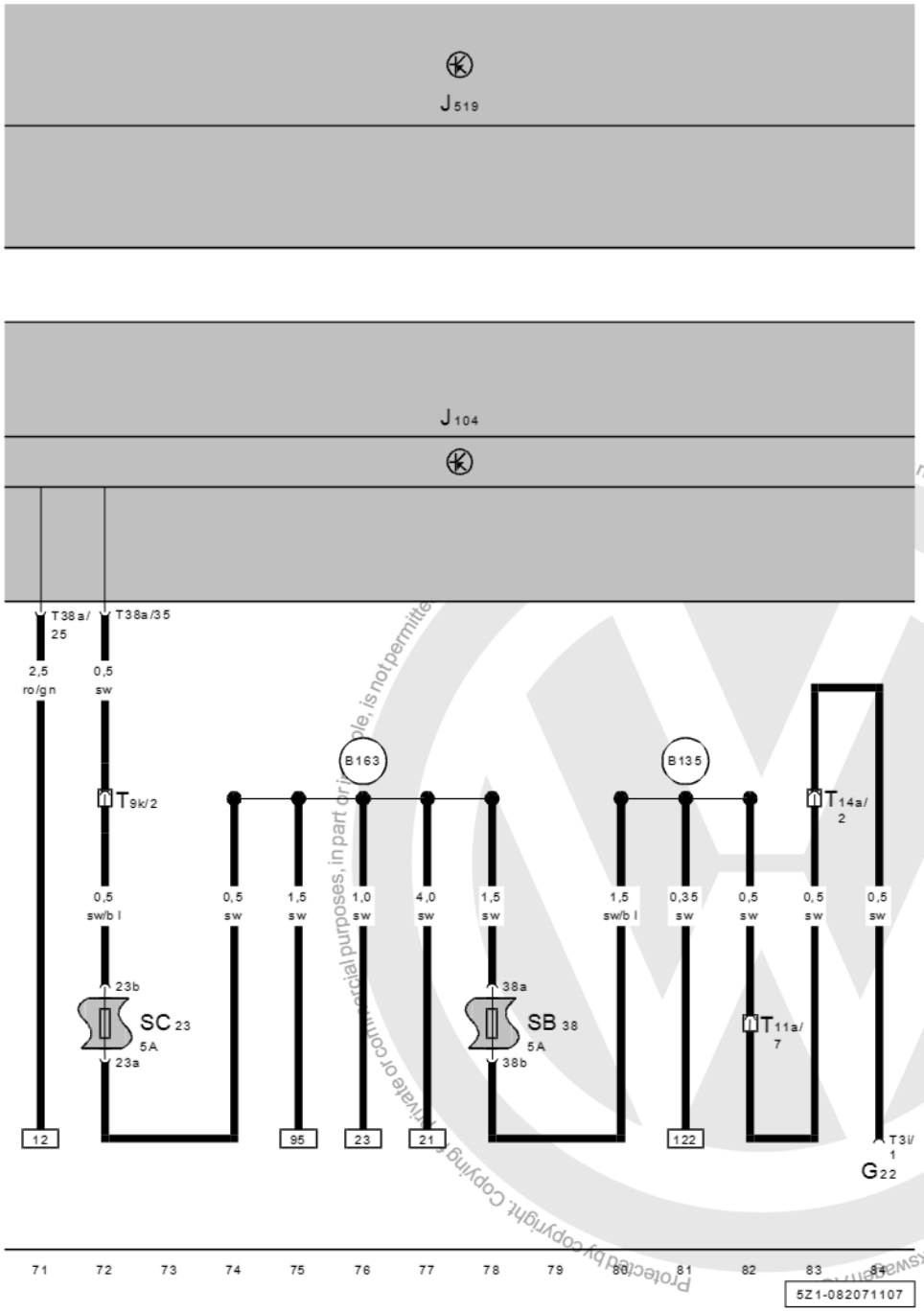


Rear right speed sensor, rear left speed sensor, ABS control unit, ABS return flow pump relay, ABS solenoid valve relay, ABS return flow pump

G44	Rear right speed sensor
G46	Rear left speed sensor
J104	ABS control unit
J105	ABS return flow pump relay
J106	ABS solenoid valve relay
J519	Onboard supply control unit
T2cw	2-pin connector, on rear right speed sensor
T2cz	2-pin connector, on rear left speed sensor
T9k	9-pin connector, in left engine compartment
T38a	38-pin connector, on ABS control unit
V39	ABS return flow pump
614	Earth point 2, on right in engine compartment
B510	Connection 1 (rear right speed sensor), in interior wiring harness
B511	Connection 2 (rear right speed sensor), in interior wiring harness
B512	Connection 1 (rear left speed sensor), in interior wiring harness
B513	Connection 2 (rear left speed sensor), in interior wiring harness

ws = white
sw = black
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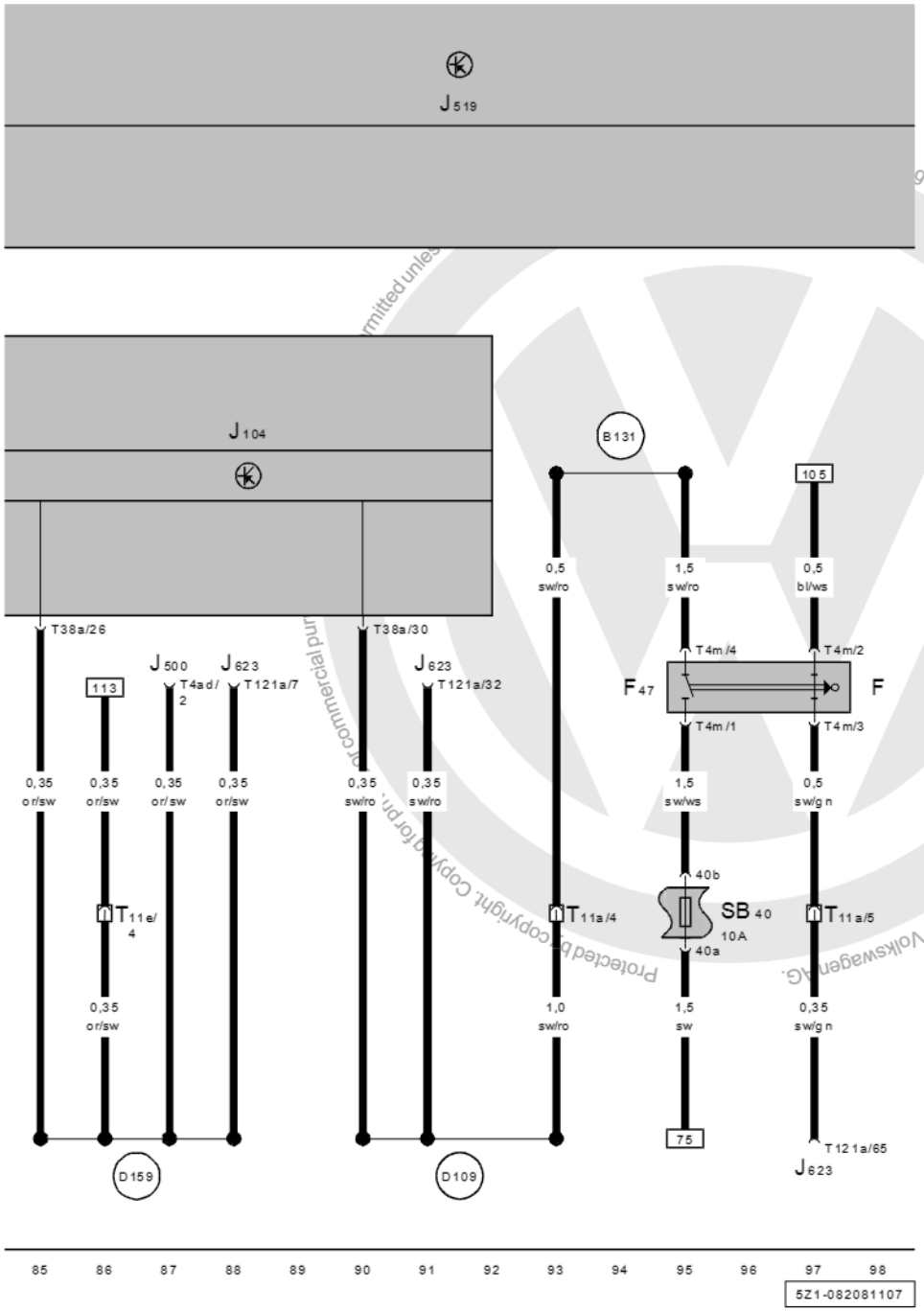


ABS control unit, onboard supply control unit

G22	Speedometer sender
J104	ABS control unit
J519	Onboard supply control unit
SB38	Fuse 38 on fuse holder B
SC23	Fuse 23 on fuse holder C
T3i	3-pin connector, on speedometer sender
T9k	9-pin connector, in left engine compartment
T11a	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T38a	38-pin connector, on ABS control unit
B135	Positive connection 1 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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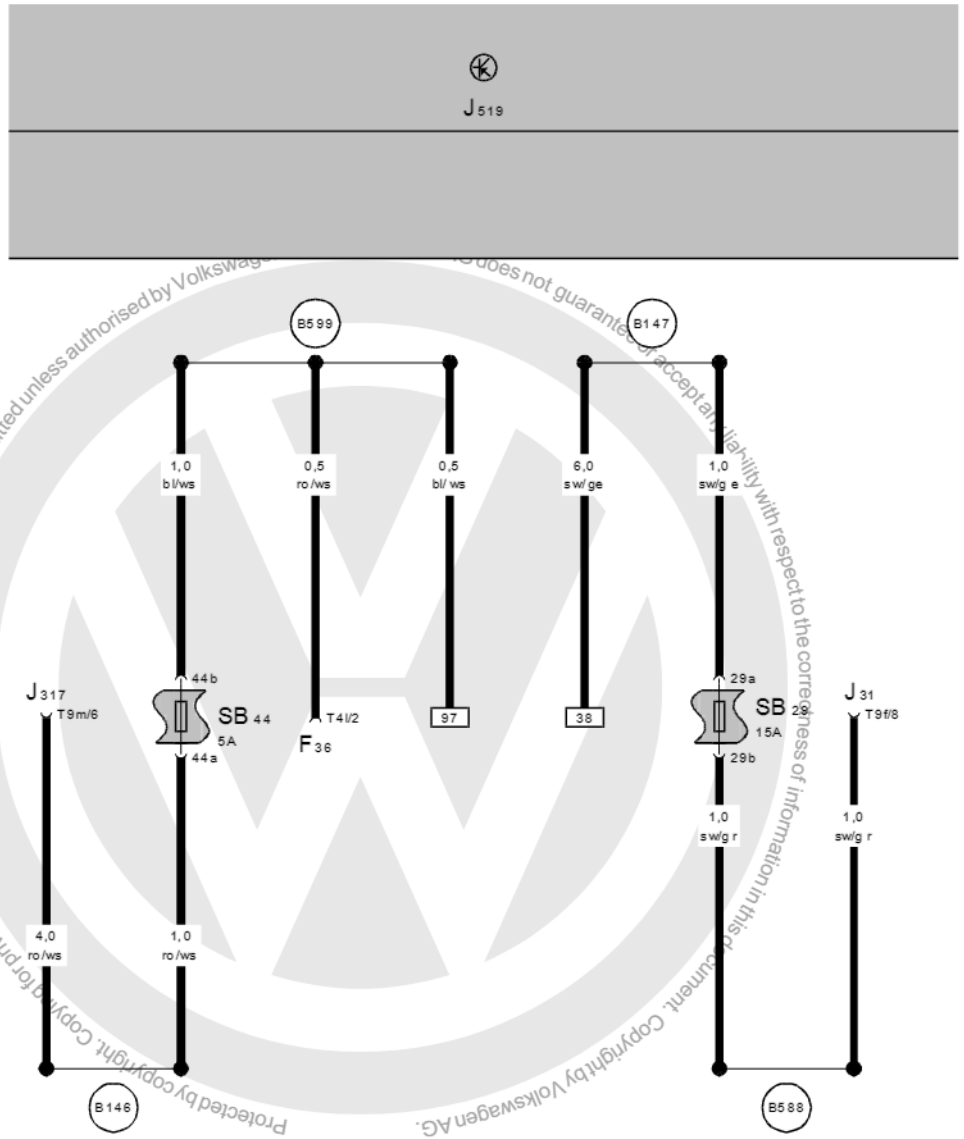


ws = white
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li = purple
vi = purple
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or = orange
rs = pink

Brake light switch, brake pedal switch, ABS control unit, onboard supply control unit

F	Brake light switch
F47	Brake pedal switch
J104	ABS control unit
J500	Power steering control unit
J519	Onboard supply control unit
J623	Engine control unit
SB40	Fuse 40 on fuse holder B
T4m	4-pin connector, on brake pedal switch
T4ad	4-pin connector, on power steering control unit
T11a	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T38a	38-pin connector, on ABS control unit
T121a	121-pin connector, on engine control unit
B131	Connection (54), in interior wiring harness
D109	Connection 7, in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness

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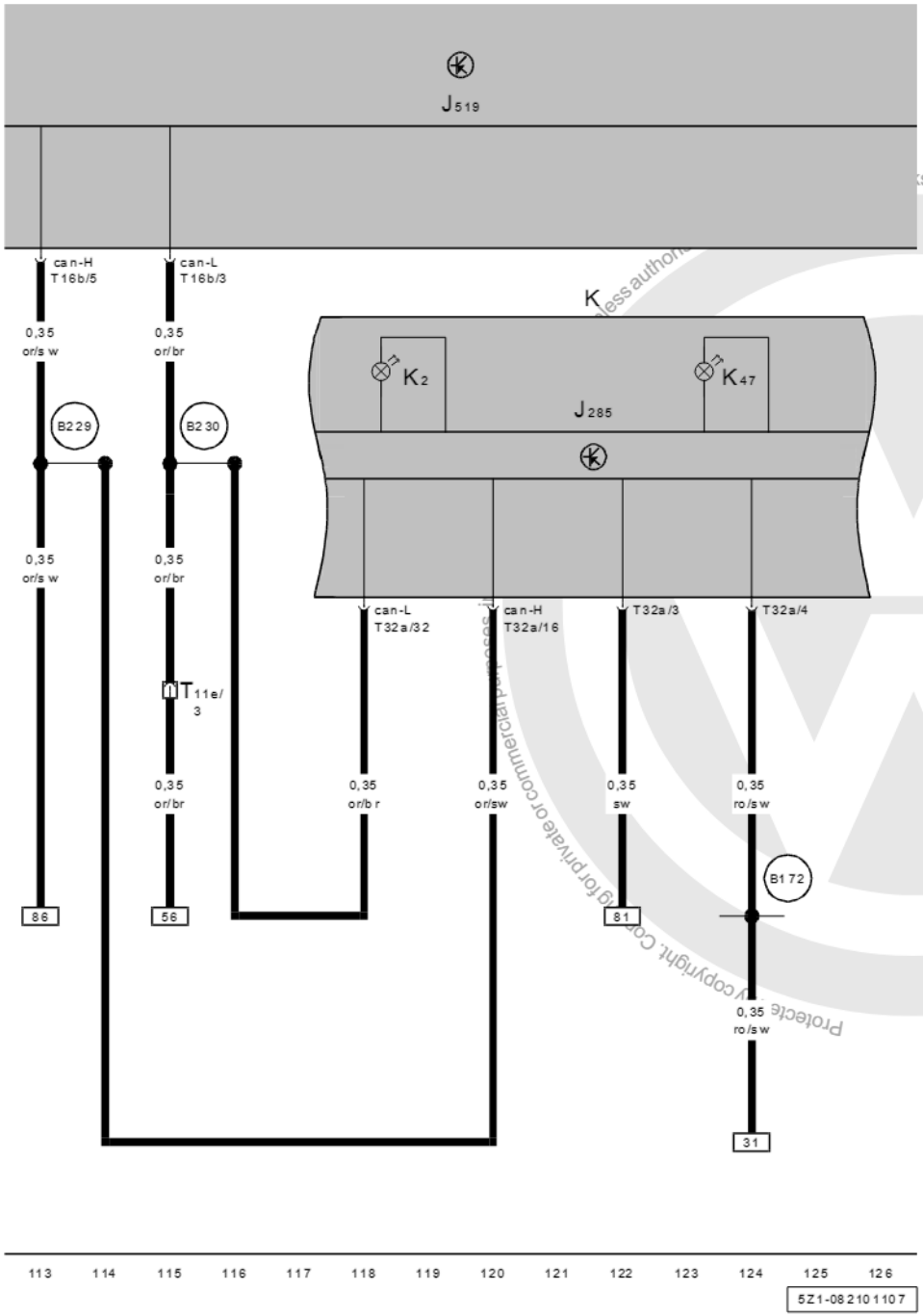


Onboard supply control unit

F36	Clutch pedal switch
J31	Automatic intermittent wash and wipe relay
J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SB29	Fuse 29 on fuse holder B
SB44	Fuse 44 on fuse holder B
T4l	4-pin connector, on clutch pedal switch
T9f	9-pin connector, on automatic intermittent wash and wipe relay
T9m	9-pin connector, on terminal 30 voltage supply relay
B146	Positive connection 1 (87), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness
B588	Positive connection (53a), in interior wiring harness
B599	Positive connection 3 (87a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit in dash panel insert, onboard supply control unit, dash panel insert, alternator warning lamp, ABS warning lamp

J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K47	ABS warning lamp
T11e	11-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
B172	Positive connection 4 (30), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness

ws	=	white
sw	=	black
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rt	=	red
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Convenience system

⇒ 1.9 l - SDI - 47 kW, engine code ASY from December 2007

Notes:

For information concerning

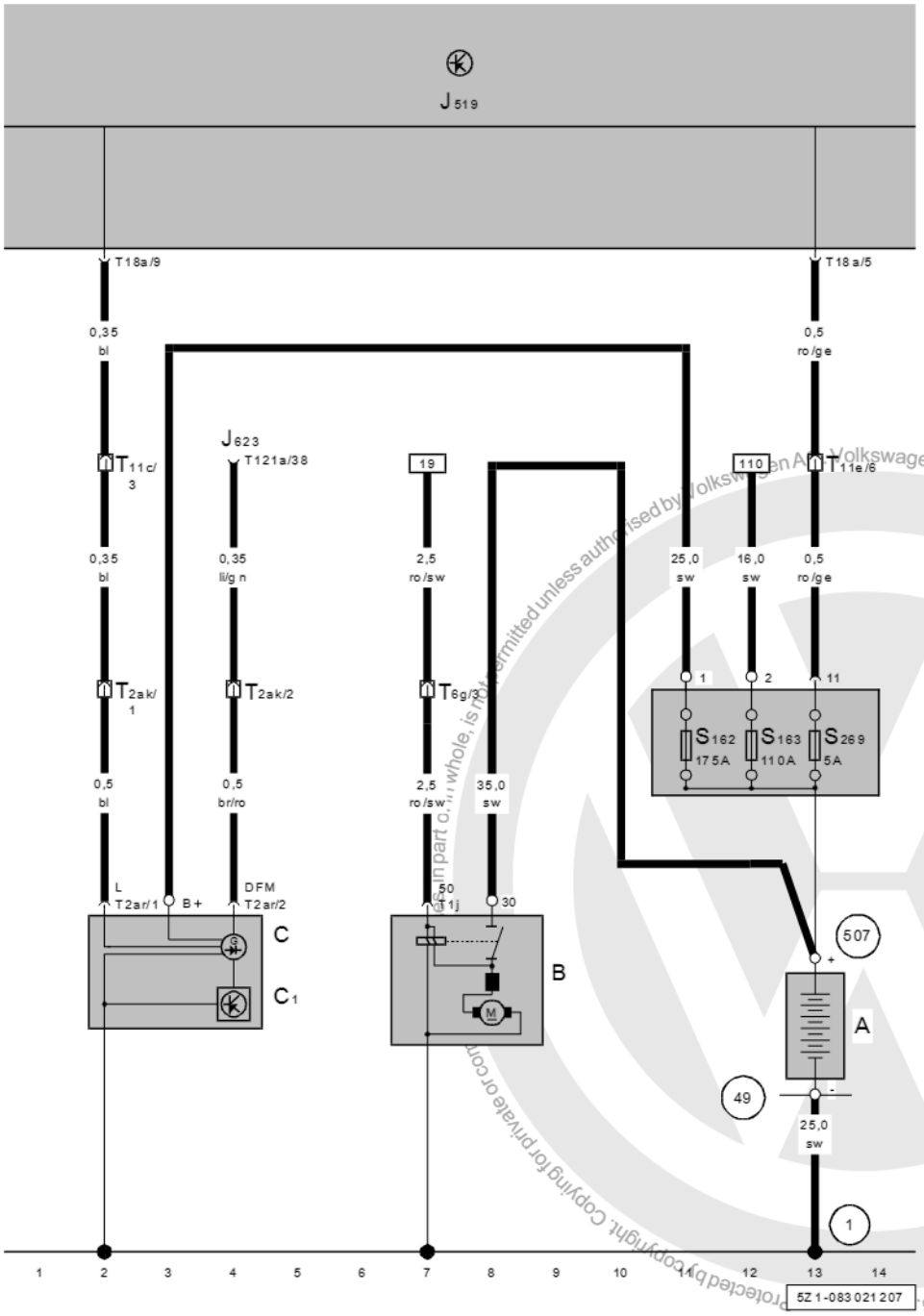
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

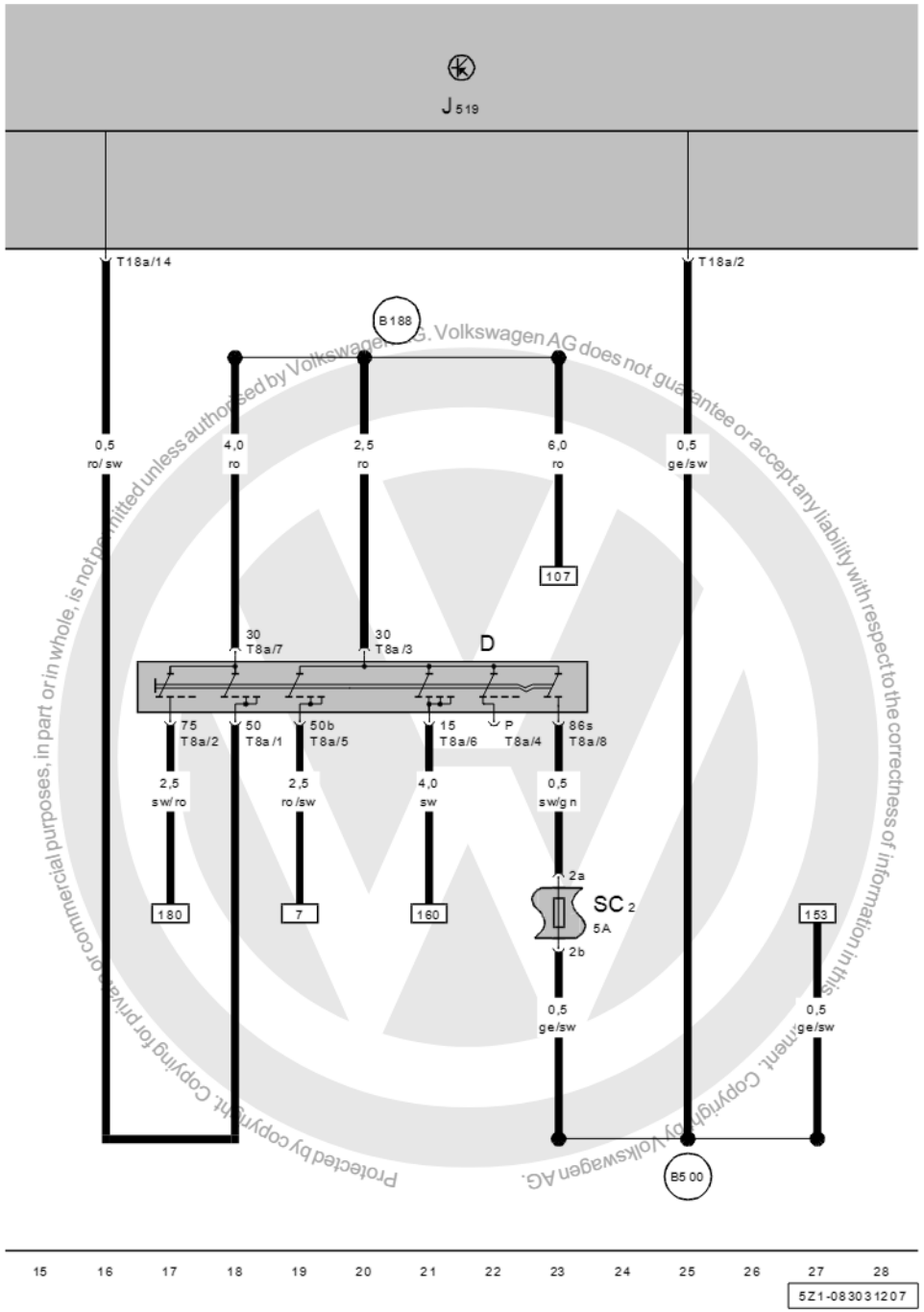


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S269	Fuse 11 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
T121a	121-pin connector, on engine control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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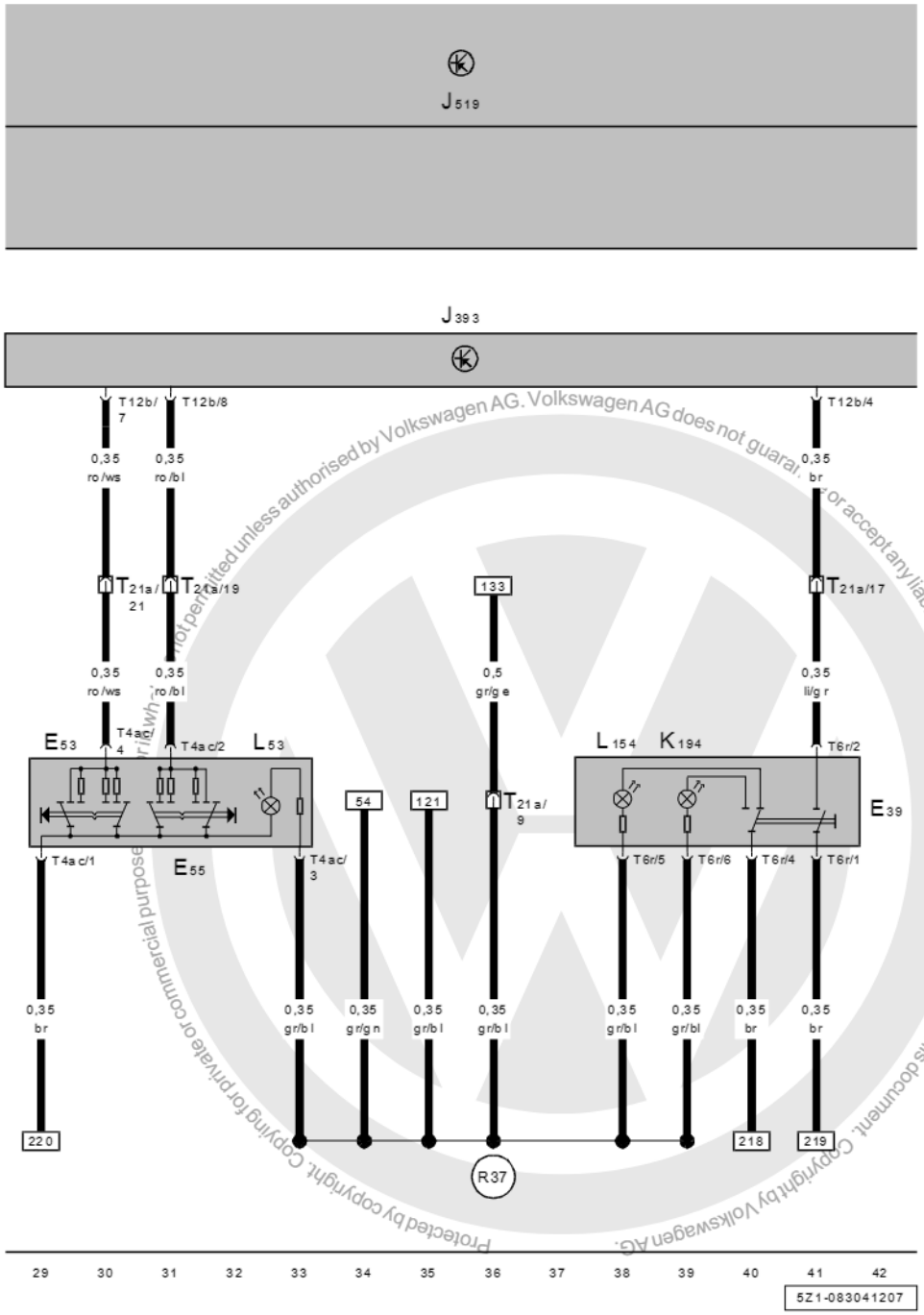


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Ignition/starter switch, onboard supply control unit

D	Ignition/starter switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T18a	18-pin connector, on onboard supply control unit
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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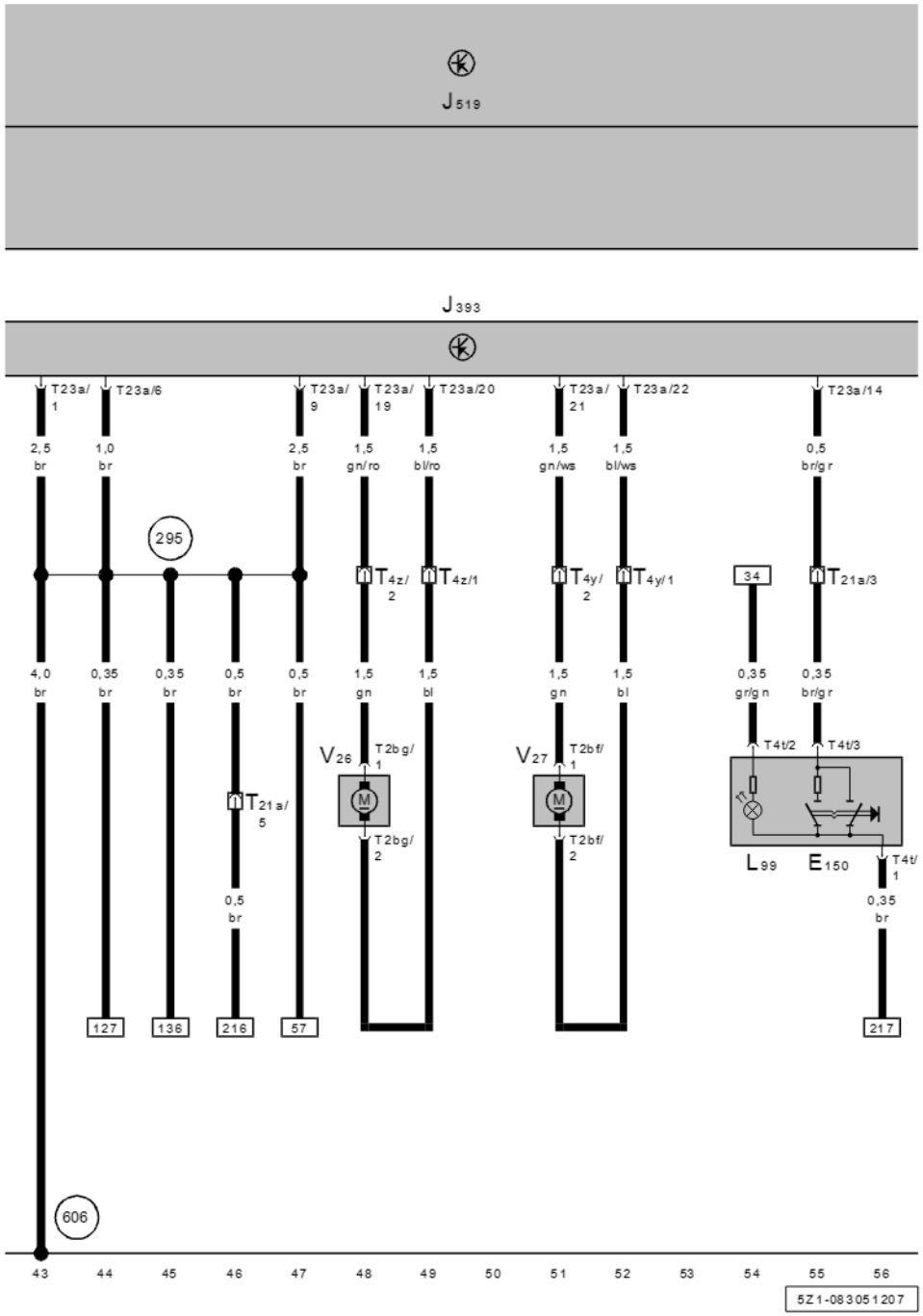


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Rear window regulator isolation switch, rear left window regulator switch, in driver door, rear right window regulator switch, in driver door

E39	Rear window regulator isolation switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
J393	Convenience system central control unit
J519	Onboard supply control unit
K194	Rear window regulator lock warning lamp
L53	Window regulator switch illumination bulb
L154	Rear window regulator isolation switch illumination bulb
T4ac	4-pin connector, on rear left window regulator switch, in driver door
T6r	6-pin connector, on rear window regulator isolation switch
T12b	12-pin connector, on convenience system central control unit
T21a	21-pin connector, in the front left door
R37	Connection 1 (window regulator), in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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or	=	orange
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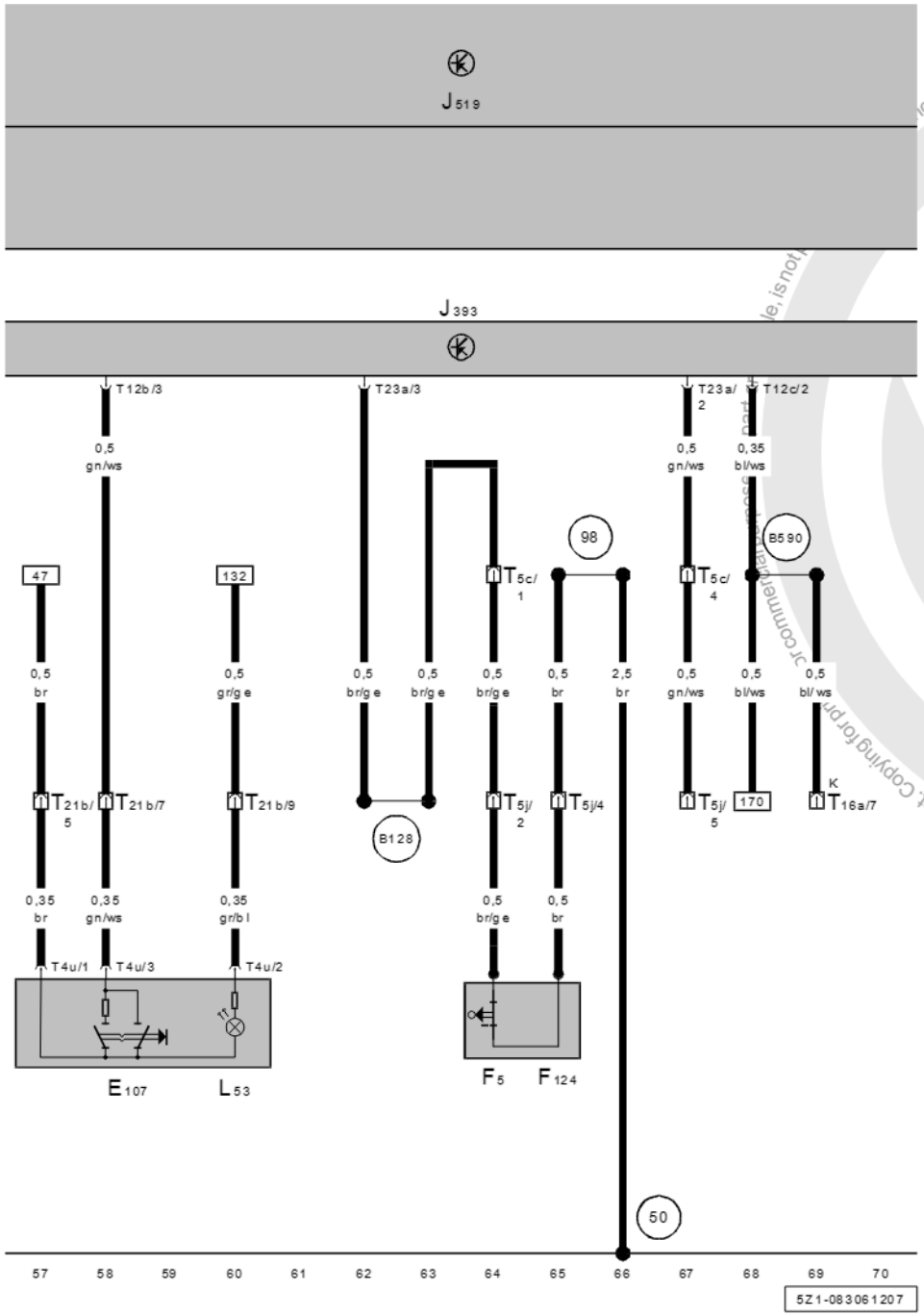


Driver side interior locking switch, interior lock switch illumination bulb, rear left window regulator motor, rear right window regulator motor

E150	Driver side interior locking switch
J393	Convenience system central control unit
J519	Onboard supply control unit
L99	Interior lock switch illumination bulb
T2bf	2-pin connector, on rear right window regulator motor
T2bg	2-pin connector, on rear left window regulator motor
T4t	4-pin connector, on driver side interior locking switch
T4y	4-pin connector, in rear right door
T4z	4-pin connector, in rear left door
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
V26	Rear left window regulator motor
V27	Rear right window regulator motor
295	Earth connection 10, in interior wiring harness
606	Earth point, under the centre console near selector lever

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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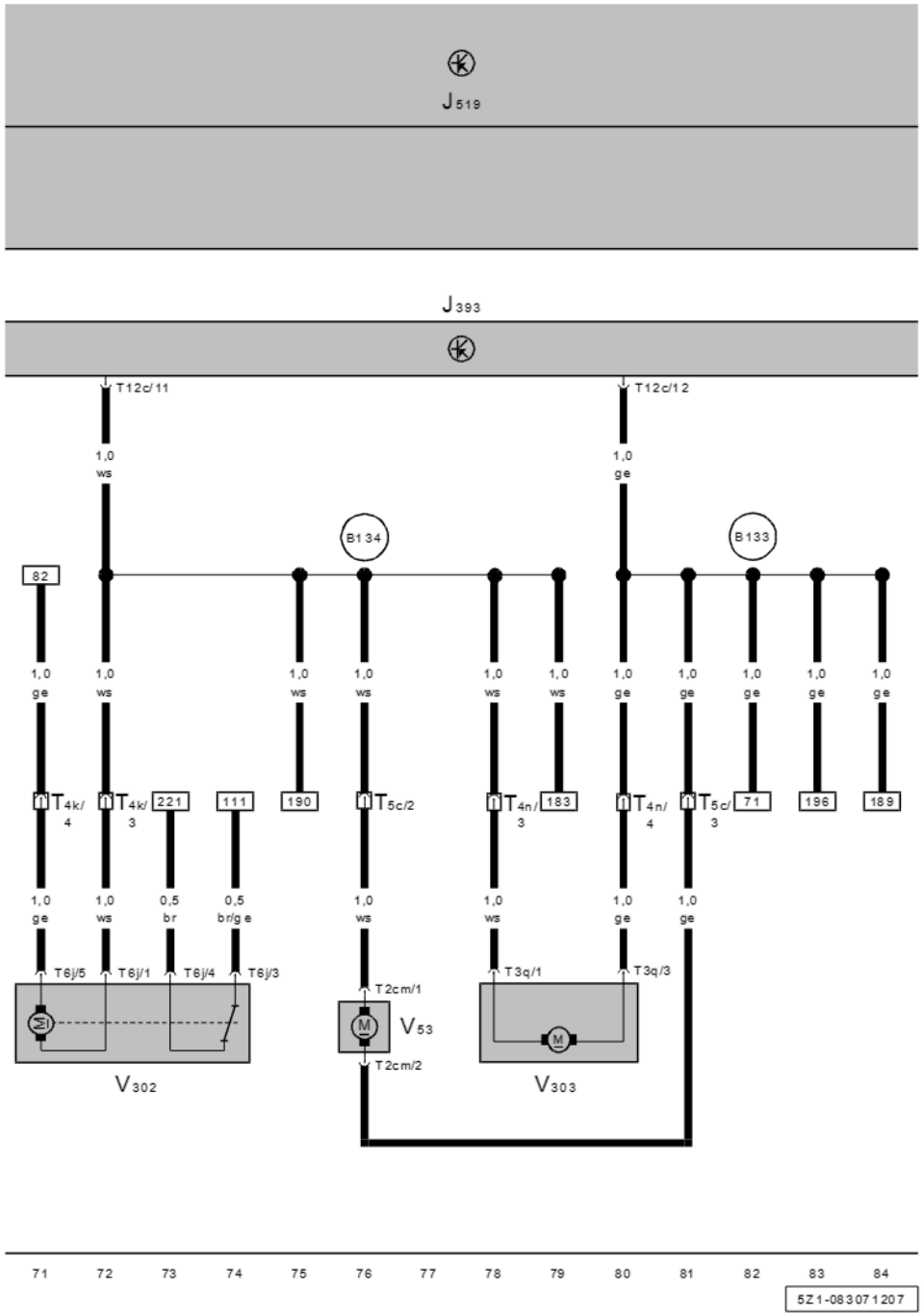


Window regulator switch in front passenger door, luggage compartment light switch, contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system

E107	Window regulator switch in front passenger door
F5	Luggage compartment light switch
F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system, central locking system
J393	Convenience system central control unit
J519	Onboard supply control unit
L53	Window regulator switch illumination bulb
T4u	4-pin connector, on window regulator switch in front passenger door
T5c	5-pin connector, behind side trim on rear left, near wheel arch
T5j	5-pin connector, on contact switch in lock cylinder for rear lid, anti-theft alarm system, central locking system
T12b	12-pin connector, on convenience system central control unit
T12c	12-pin connector, on convenience system central control unit
T16a	16-pin connector, diagnostic
T21b	21-pin connector, in the front right door
T23a	23-pin connector, on convenience system central control unit
50	Earth points, on left in luggage compartment
98	Earth connection, in rear lid wiring harness
B128	Connection (luggage compartment light), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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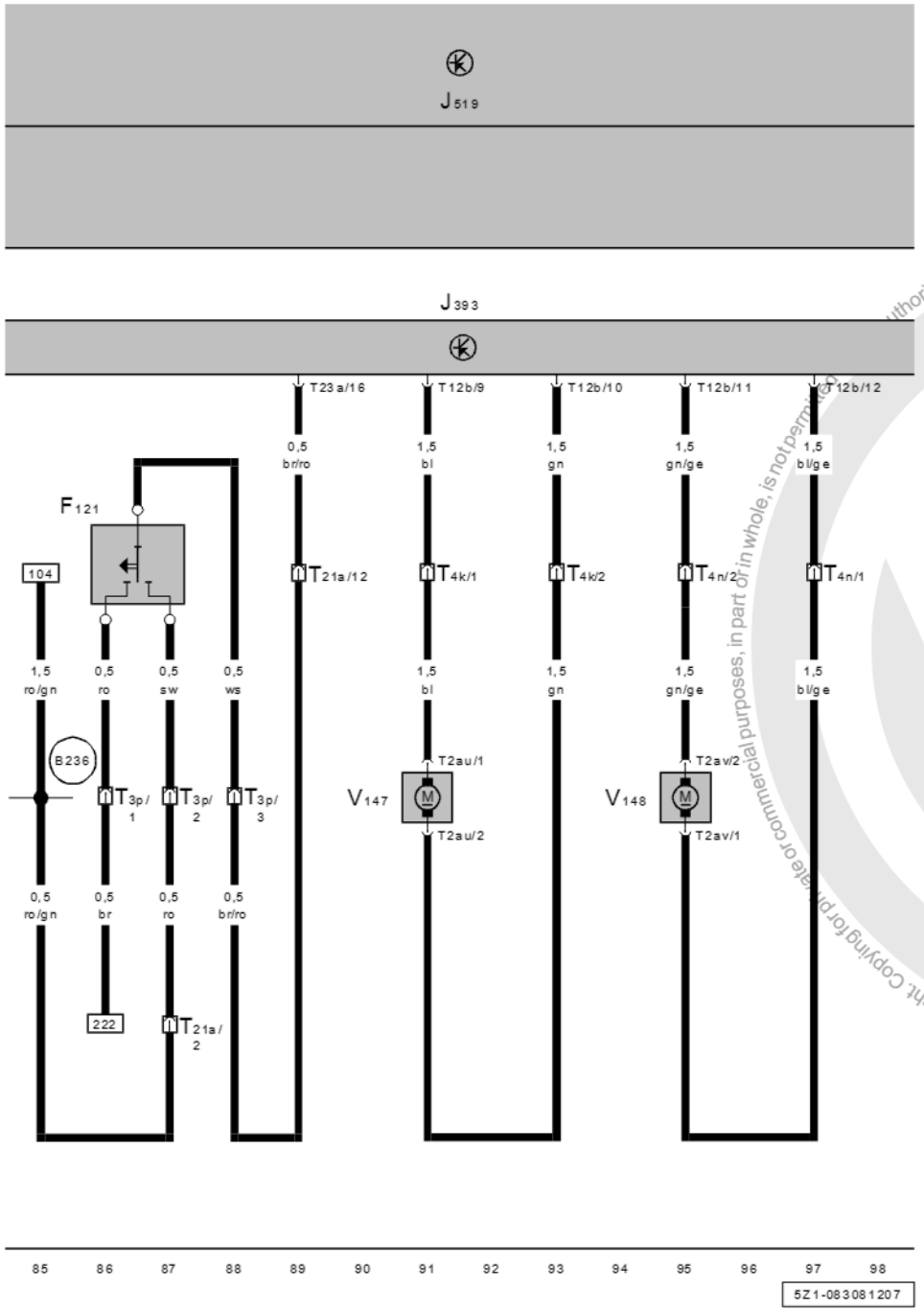


Convenience system central control unit, rear lid central locking motor, driver door central locking motor, front passenger door central locking motor

J393	Convenience system central control unit
J519	Onboard supply control unit
T2cm	2-pin connector, on rear lid central locking motor
T3q	3-pin connector, on front passenger door central locking motor
T4k	4-pin connector, front left door
T4n	4-pin connector, front right door
T5c	5-pin connector, behind side trim on rear left, near wheel arch
T6j	6-pin connector, on driver door central locking motor
T12c	12-pin connector, on convenience system central control unit
V53	Rear lid central locking motor
V302	Driver door central locking motor
V303	Front passenger door central locking deadlock function motor
B133	Connection (central locking open), in interior wiring harness
B134	Connection (central locking closed), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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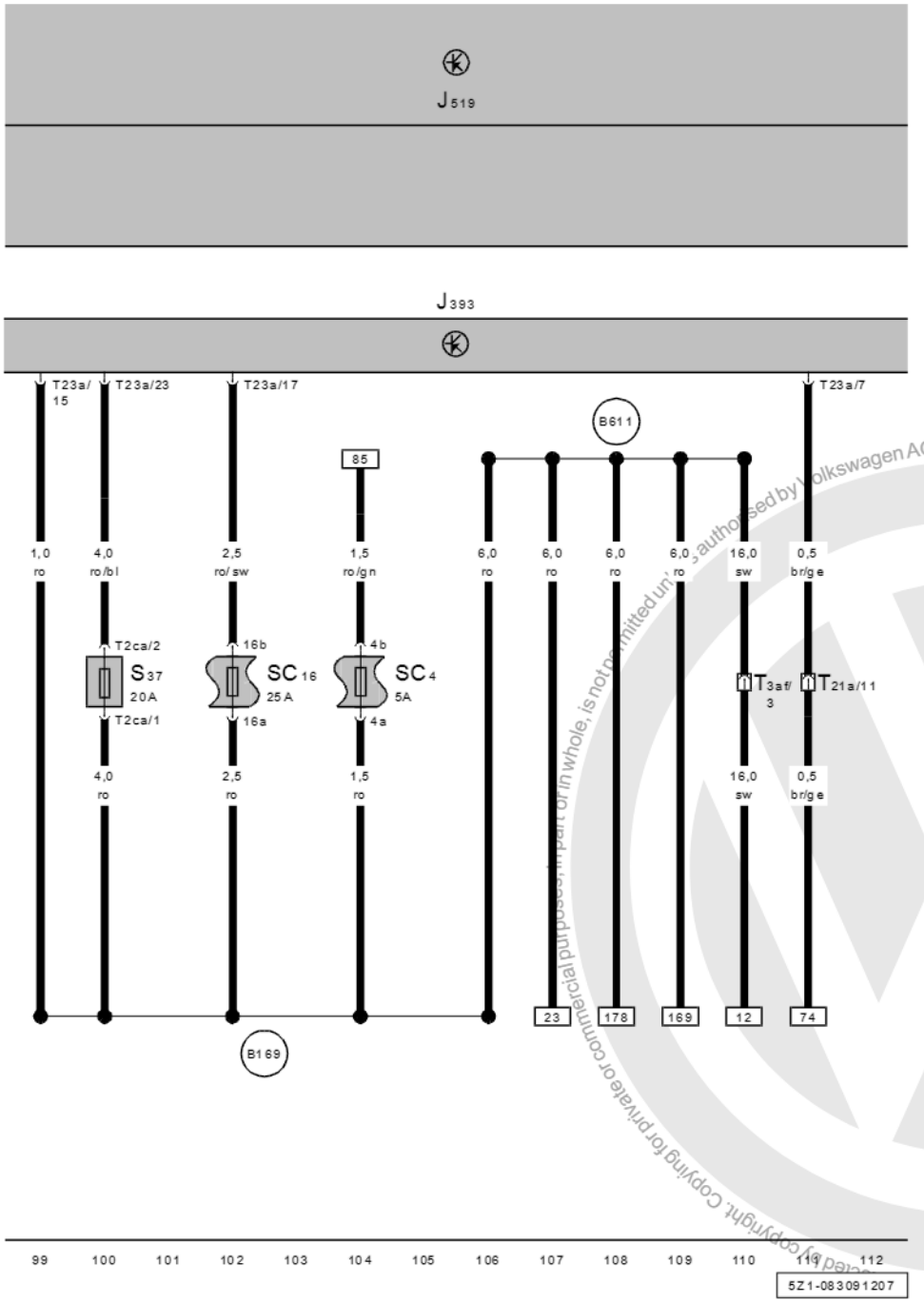


Driver door exterior handle switch for anti-theft alarm system, convenience system central control unit, driver side window regulator motor, front passenger side window regulator motor

F121	Driver door exterior handle switch for anti-theft alarm system
J393	Convenience system central control unit
J519	Onboard supply control unit
T2au	2-pin connector, on driver side window regulator motor
T2av	2-pin connector, on front passenger side window regulator motor
T3p	3-pin connector, on driver door exterior handle switch for anti-theft alarm system
T4k	4-pin connector, front left door
T4n	4-pin connector, front right door
T12b	12-pin connector, on convenience system central control unit
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
V147	Driver side window regulator motor
V148	Front passenger side window regulator motor
B236	Positive connection 6 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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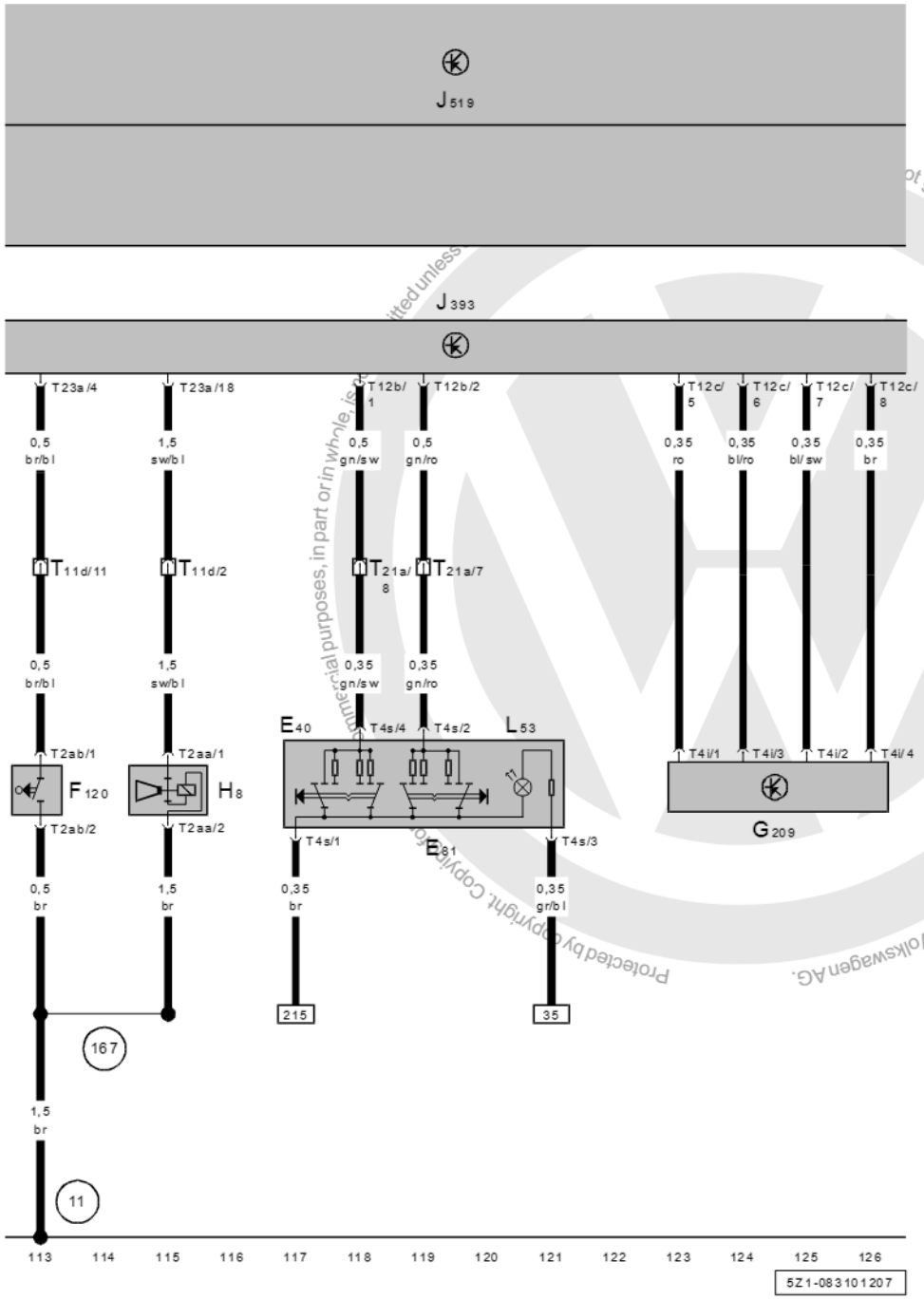


Convenience system central control unit, onboard supply control unit, window regulator single fuse

J393	Convenience system central control unit
J519	Onboard supply control unit
S37	Window regulator single fuse
SC4	Fuse 4 on fuse holder C
SC16	Fuse 16 on fuse holder C
T2ca	2-pin connector, on window regulator single fuse
T3af	3-pin connector, in left engine compartment
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
B169	Positive connection 1 (30), in interior wiring harness
B611	Connection 7, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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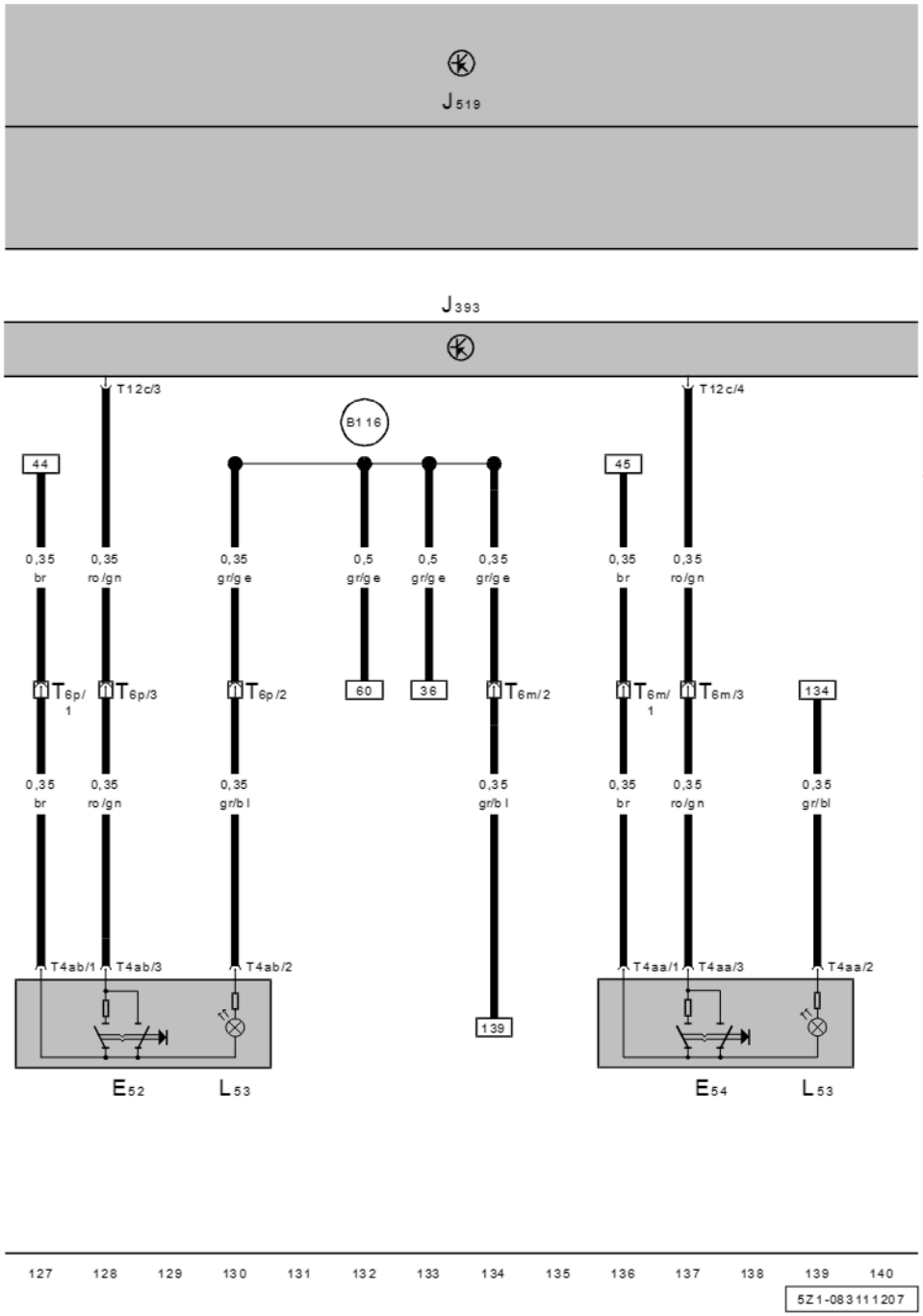


Front left window regulator switch, driver side front right window regulator switch, anti-theft alarm and vermin repellent system contact switch

E40	Front left window regulator switch
E81	Front right window regulator switch driver side
F120	Anti-theft alarm and vermin repellent system contact switch
G209	Anti-theft alarm ultrasonic sensor
H8	Anti-theft alarm system horn
J393	Convenience system central control unit
J519	Onboard supply control unit
L53	Window regulator switch illumination bulb
T2aa	2-pin connector, on anti-theft alarm system horn
T2ab	2-pin connector, on anti-theft alarm and vermin repellent system contact switch
T4i	4-pin connector, on anti-theft alarm ultrasonic sensor
T4s	4-pin connector, on front left window regulator switch
T11d	11-pin connector, in left engine compartment
T12b	12-pin connector, on convenience system central control unit
T12c	12-pin connector, on convenience system central control unit
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
11	Earth point, in battery box
167	Earth connection 4, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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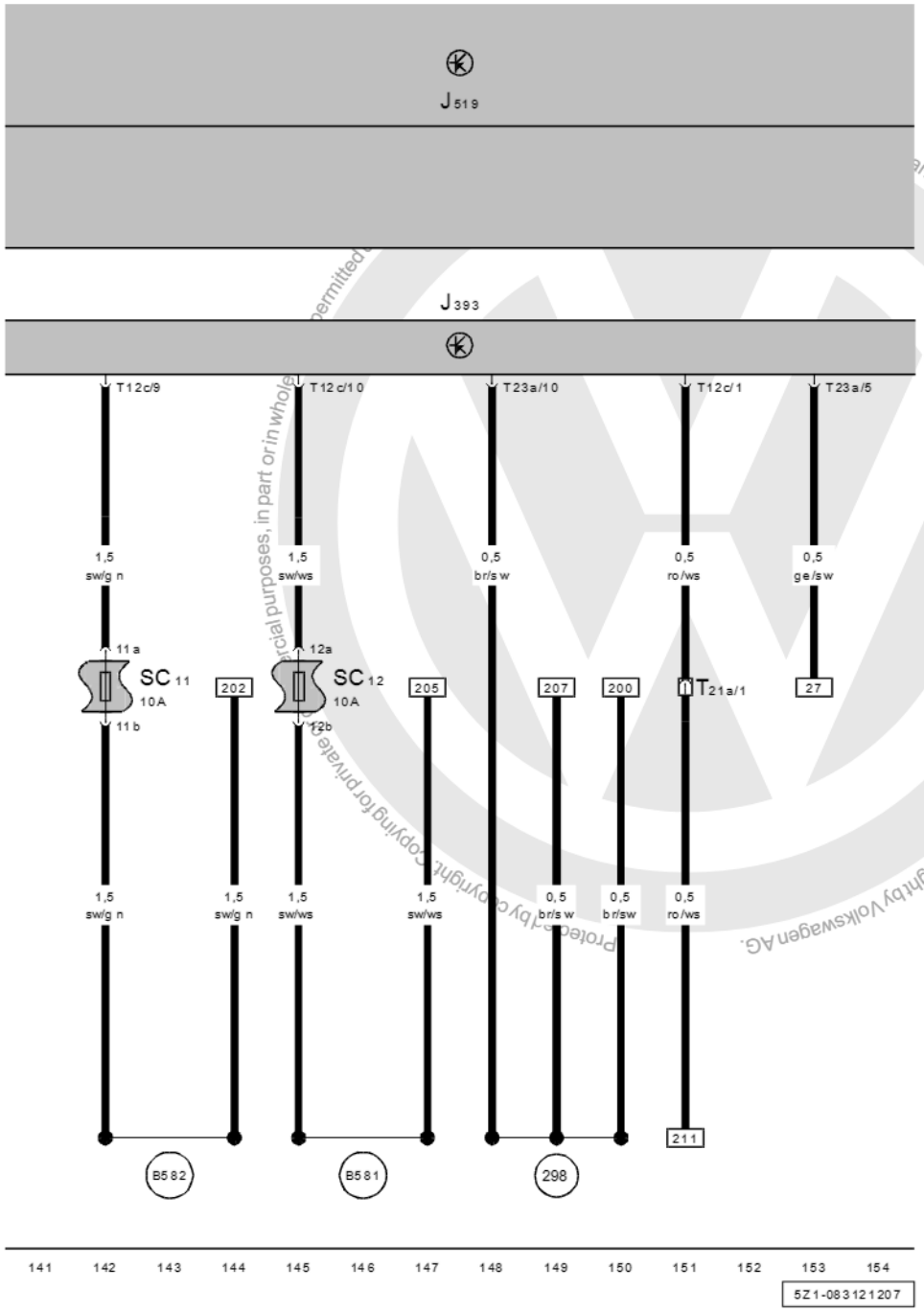


Rear left window regulator switch, in door, rear right window regulator switch, in door, convenience system central control unit, onboard supply control unit

E52	Rear left window regulator switch, in door
E54	Rear right window regulator switch, in door
J393	Convenience system central control unit
J519	Onboard supply control unit
L53	Window regulator switch illumination bulb
T4aa	4-pin connector, on rear right window regulator switch, in door
T4ab	4-pin connector, on rear left window regulator switch, in door
T6m	6-pin connector, in rear right door
T6p	6-pin connector, in rear left door
T12c	12-pin connector, on convenience system central control unit
B116	Connection (58d), in interior wiring harness

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rt	=	red
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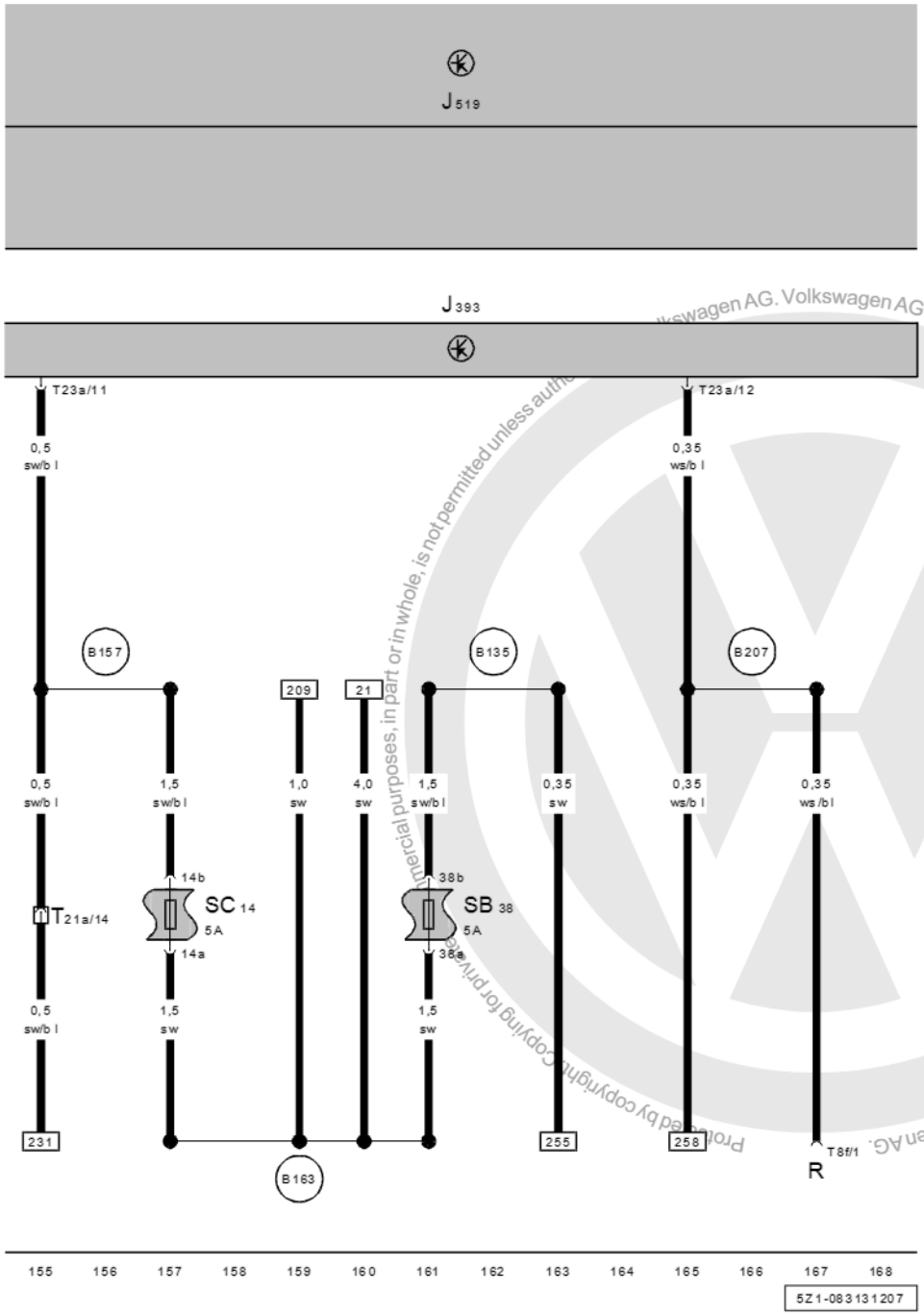


Convenience system central control unit, onboard power supply control unit

J393	Convenience system central control unit
J519	Onboard supply control unit
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
T12c	12-pin connector, on convenience system central control unit
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
298	Earth connection 13, in interior wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness
B582	Positive connection (right indicator lamp), interior wiring harness

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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
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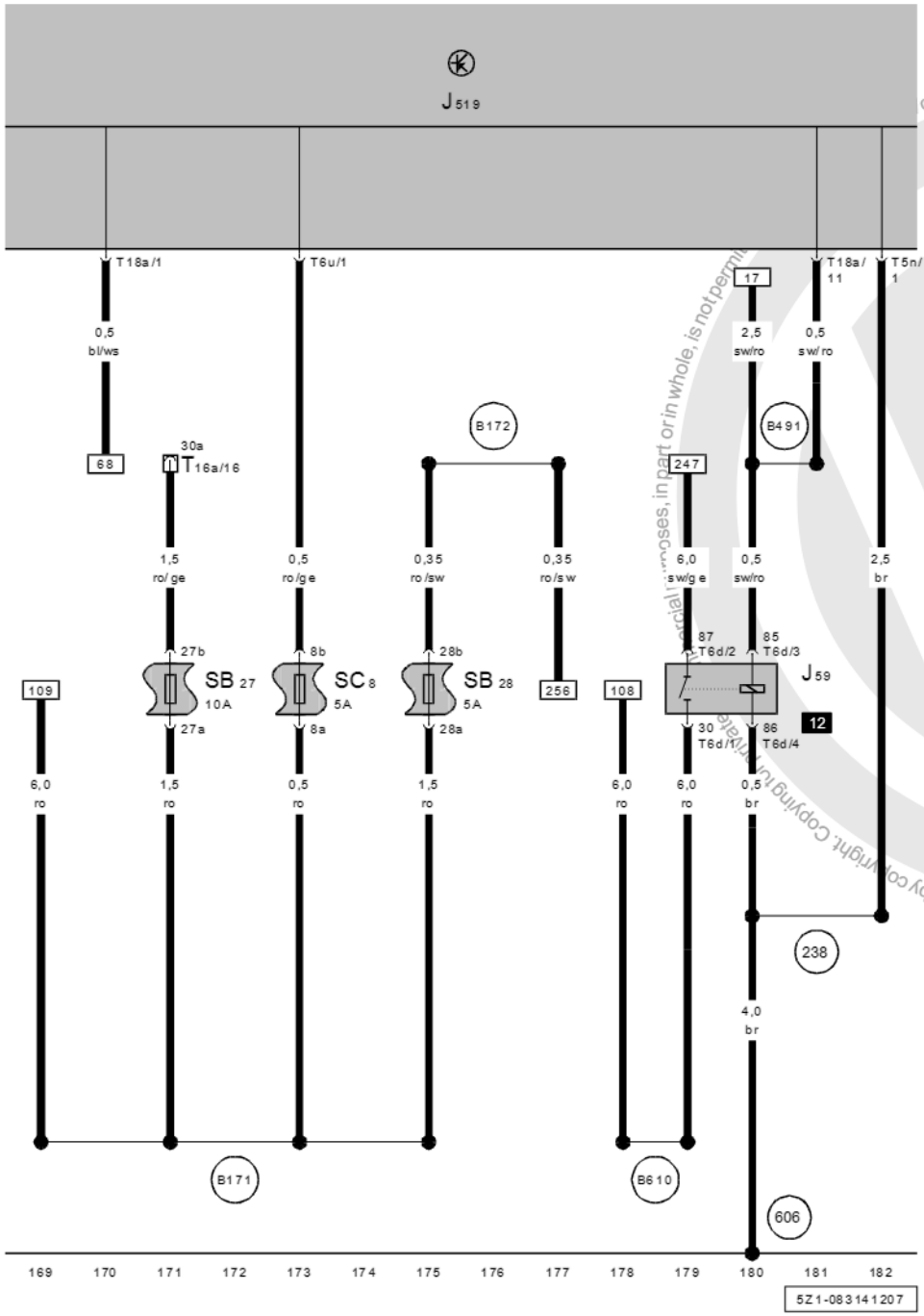


Convenience system central control unit, onboard power supply control unit

J393	Convenience system central control unit
J519	Onboard supply control unit
R	Radio
SC14	Fuse 14 on fuse holder C
SB38	Fuse 38 on fuse holder B
T8f	8-connector, on radio
T21a	21-pin connector, in the front left door
T23a	23-pin connector, on convenience system central control unit
B135	Positive connection 1 (15a), in interior wiring harness
B157	Positive connection 3 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B207	Connection (convenience), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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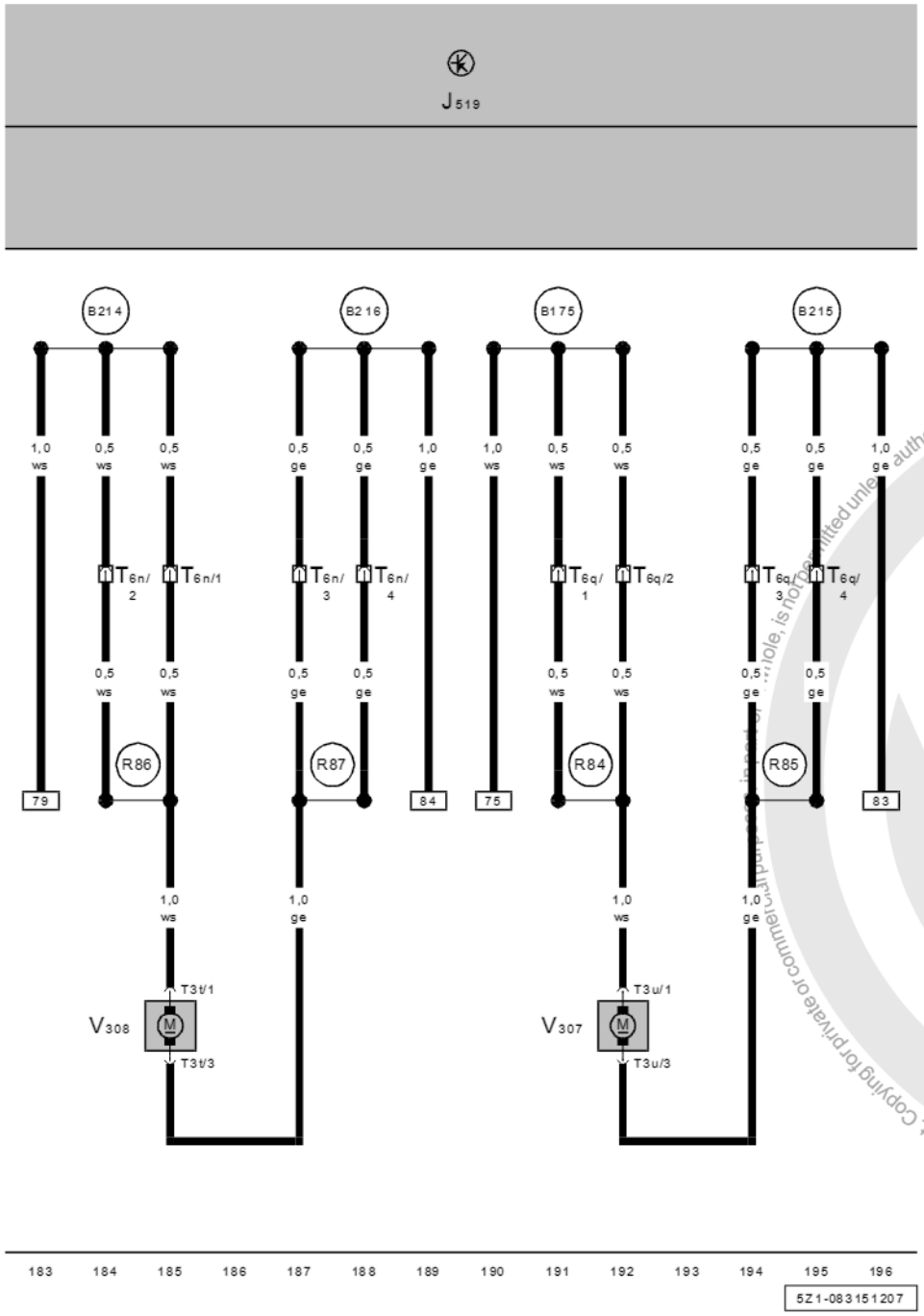


X-contact relief relay, onboard supply control unit

J59	X-contact relief relay
J519	Onboard supply control unit
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SC8	Fuse 8 on fuse holder C
T5n	5-pin connector, on onboard supply control unit
T6d	6-pin connector, on X-contact relief relay
T6u	6-pin connector, on onboard supply control unit
T16a	16-pin connector, diagnostic
T18a	18-pin connector, on onboard supply control unit
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B171	Positive connection 3 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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gn	=	green
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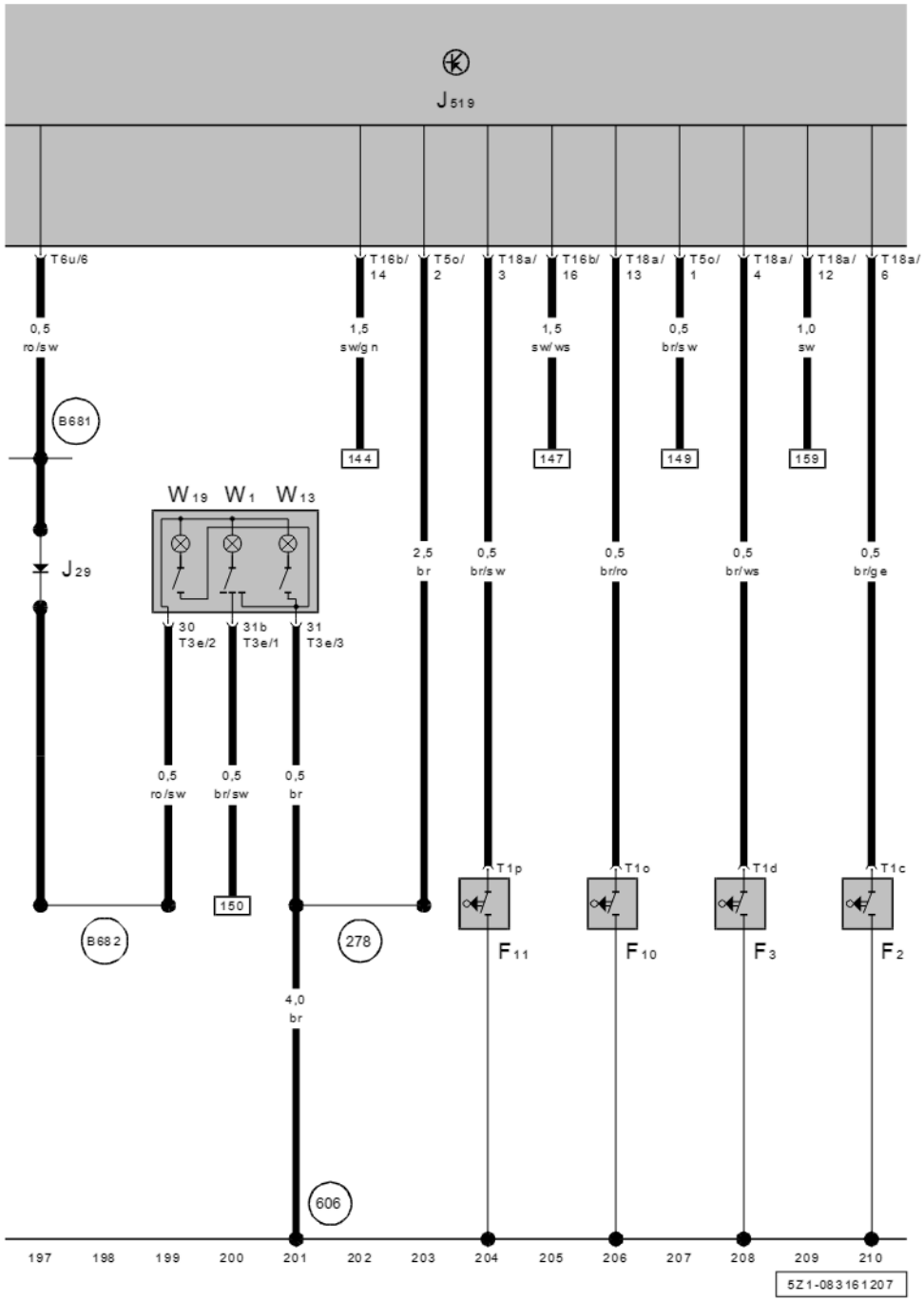


Onboard supply control unit, rear left door power latching motor, rear right power latching motor

J519	Onboard supply control unit
T3t	3-pin connector, on rear right central locking motor
T3u	3-pin connector, on rear left central locking motor
T6n	6-pin connector, in rear right door
T6q	6-pin connector, in rear left door
V307	Rear left central locking motor
V308	Rear right central locking motor
B175	Connection (central locking), in interior wiring harness
B214	Connection 1 (central locking), in interior wiring harness
B215	Connection 2 (central locking), in interior wiring harness
B216	Connection 3 (central locking), in interior wiring harness
R84	Connection 1 (central locking) in rear left door wiring harness
R85	Connection 2 (central locking) in rear left door wiring harness
R86	Connection 1 (central locking) in rear right door wiring harness
R87	Connection 2 (central locking) in rear right door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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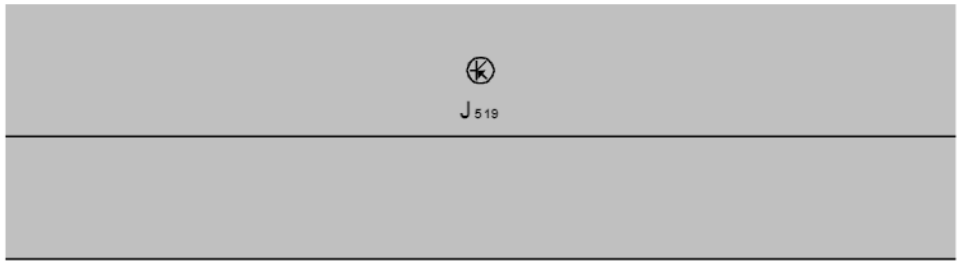


Driver door contact switch, front passenger door contact switch, rear left door contact switch, rear right door contact switch

F2	Driver door contact switch
F3	Front passenger door contact switch
F10	Rear left door contact switch
F11	Rear right door contact switch
J29	Blocking diode
J519	Onboard supply control unit
T1c	Single connector, on driver door contact switch
T1d	Single connector, on front passenger door contact switch
T1o	Single pin connector, on rear left door contact switch
T1p	Single pin connector, on rear right door contact switch
T3e	3-pin connector, on front interior light
T5o	5-pin connector, on onboard supply control unit
T6u	6-pin connector, on onboard supply control unit
T16b	16-pin connector, on onboard supply control unit
T18a	18-pin connector, on onboard supply control unit
W1	Front interior light
W13	Front passenger side reading light
W19	Driver side reading light
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near selector lever
B681	Positive connection 7 (30), in interior wiring harness
B682	Positive connection 8 (30), in interior wiring harness

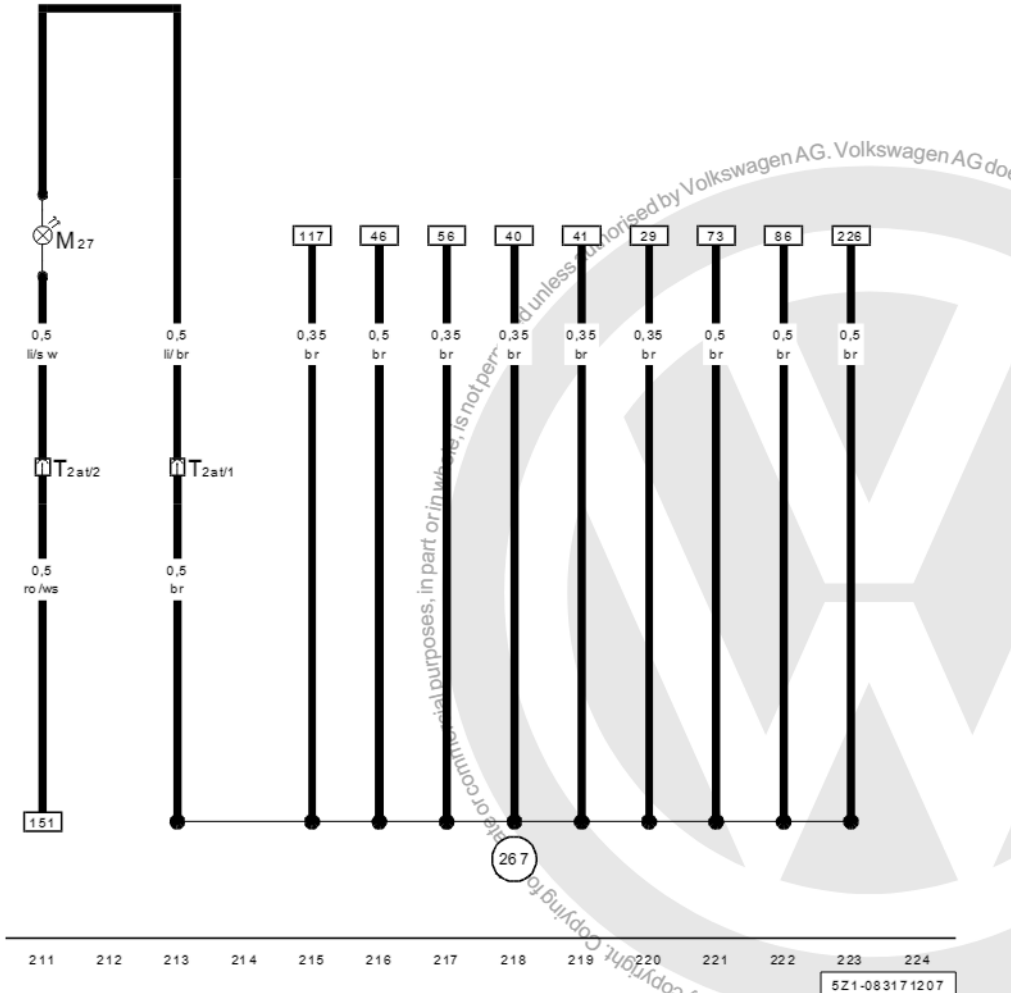
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sw	=	black
ro	=	red
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bl	=	blue
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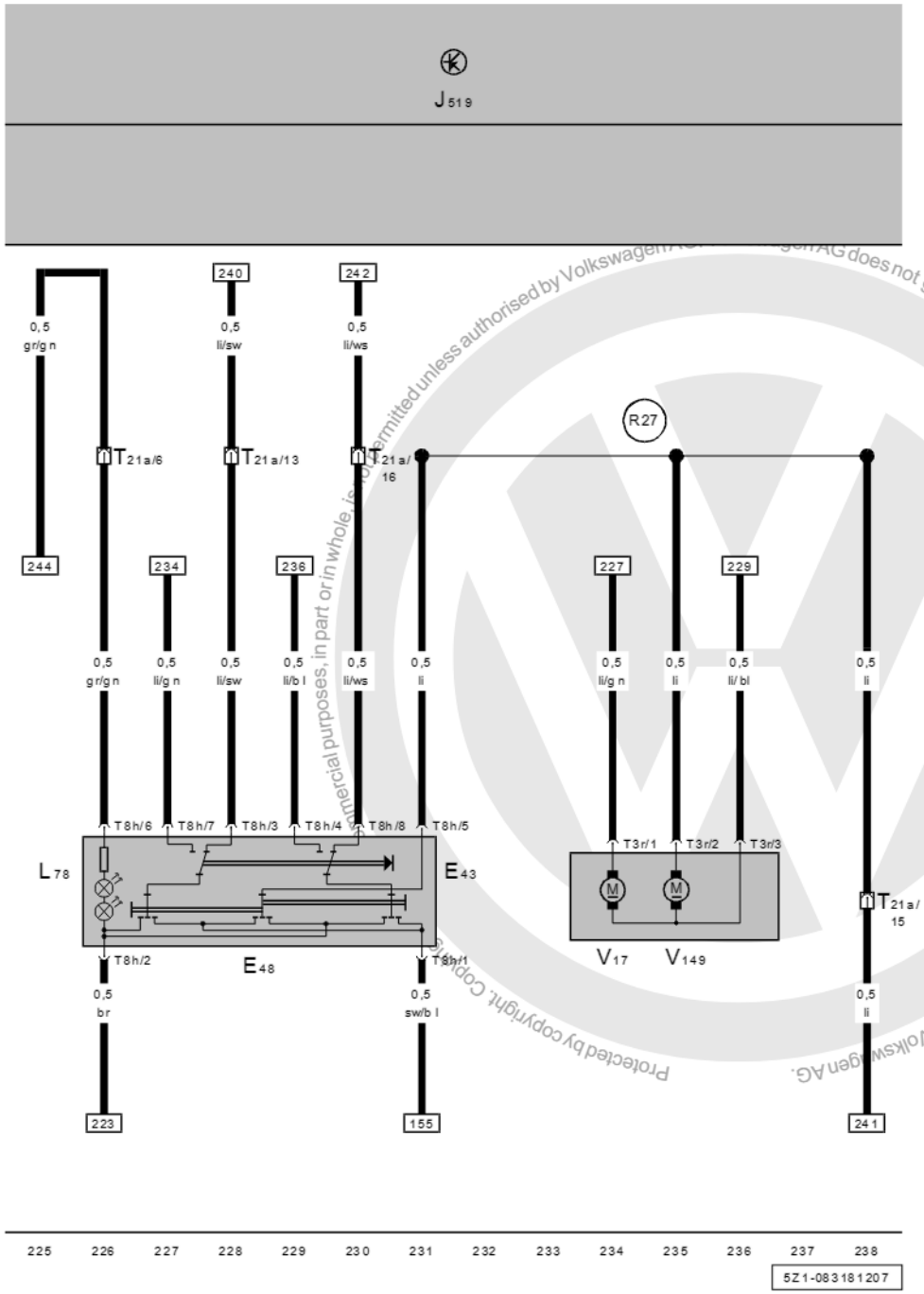
Onboard supply control unit, left door warning lamp

J519 Onboard supply control unit
M27 Left door warning lamp
T2at 2-pin connector, on left door warning lamp
267 Earth connection 2, in driver side door wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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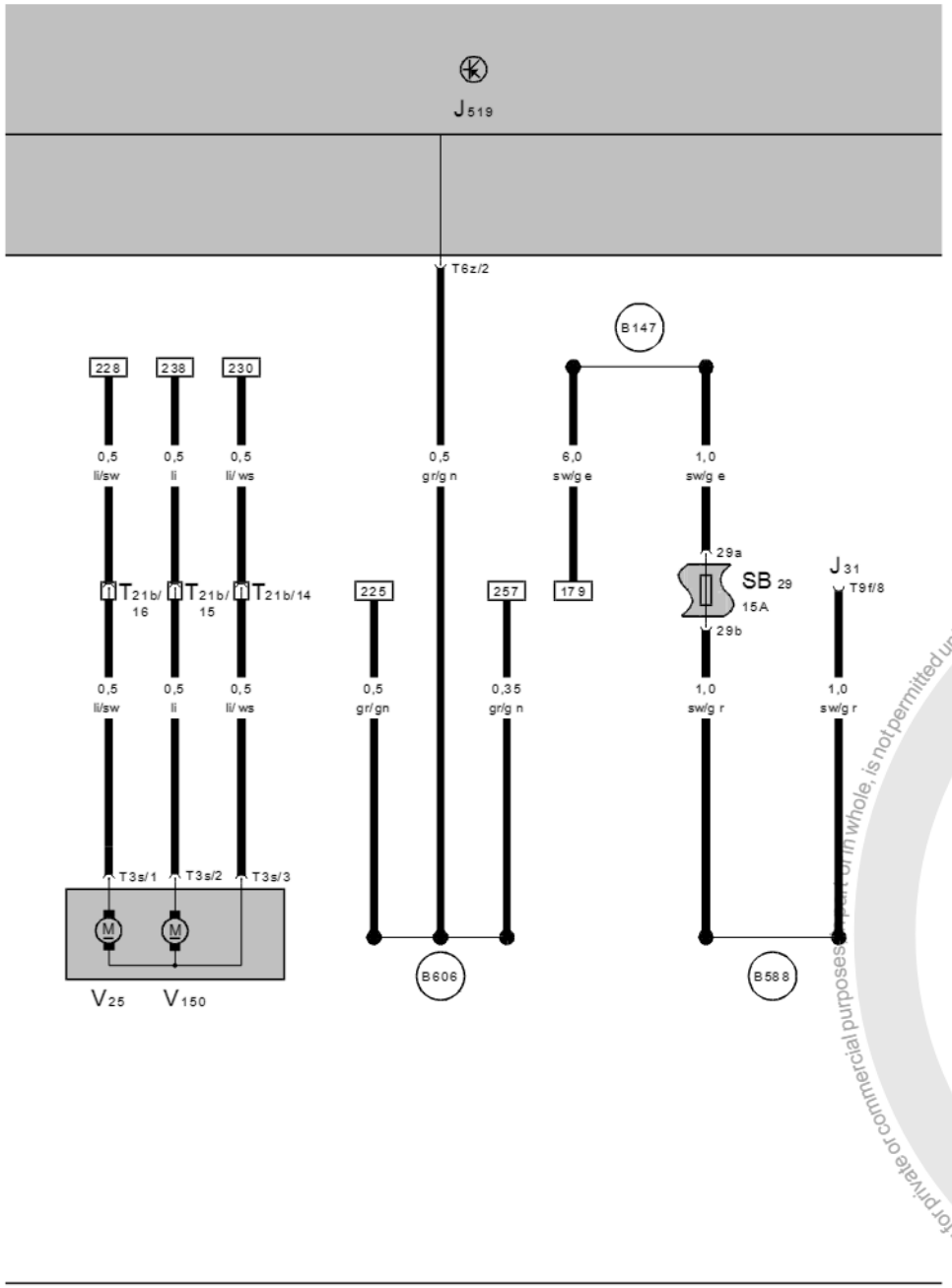


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Mirror adjustment switch, mirror adjustment change-over switch, onboard supply control unit, driver side mirror adjustment motor

E43	Mirror adjustment switch
E48	Mirror adjustment change-over switch
J519	Onboard supply control unit
L78	Mirror adjustment switch illumination bulb
T3r	3-pin connector, on driver side mirror adjustment motor
T8h	8-pin connector, on mirror adjustment switch
T21a	21-pin connector, in the front left door
V17	Driver side mirror adjustment motor
V149	Driver side mirror adjustment motor
R27	Connection (mirror adjustment), in driver door wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Onboard supply control unit, front passenger side mirror adjustment motor

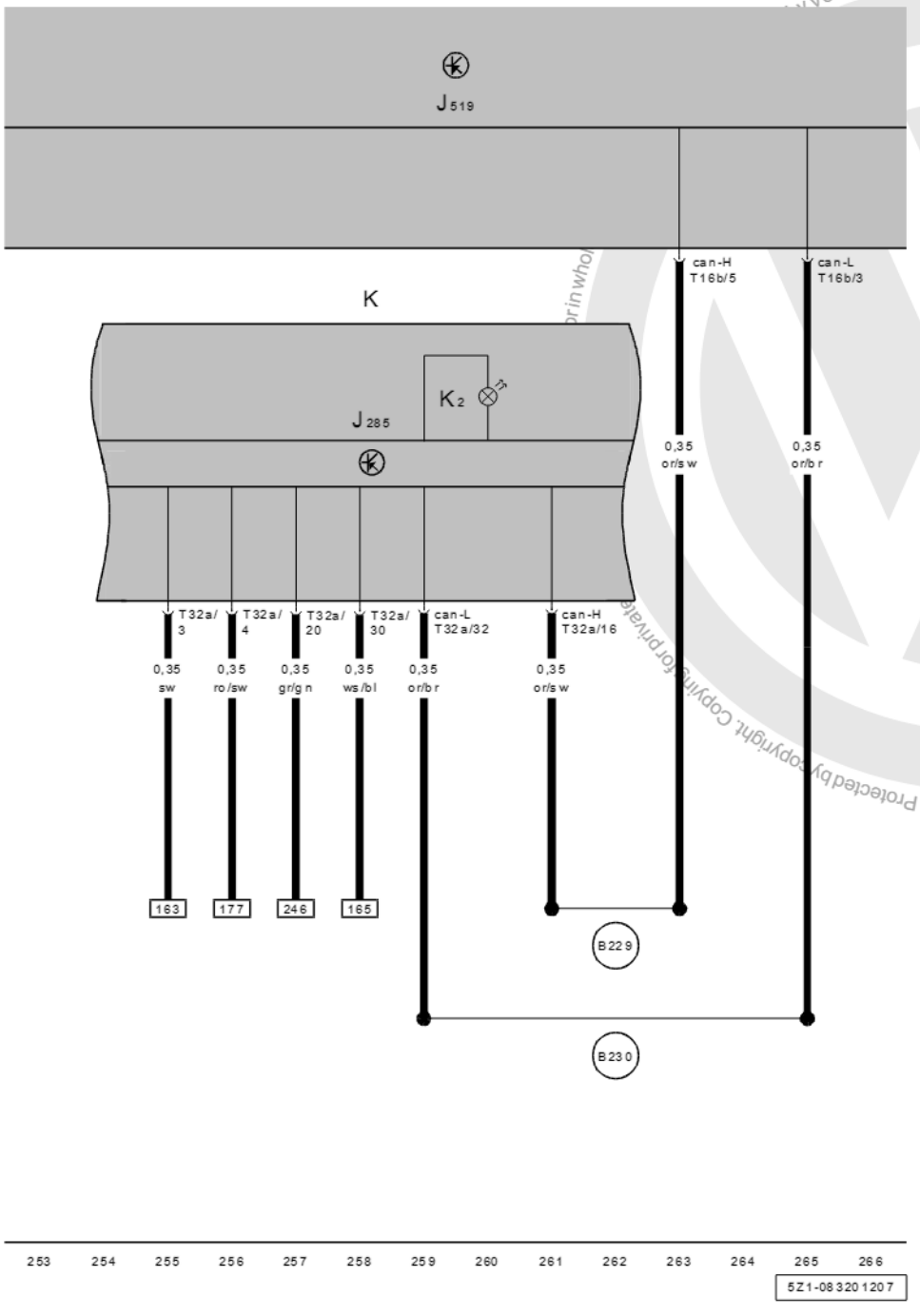
J31	Automatic intermittent wash and wipe relay
J519	Onboard supply control unit
SB29	Fuse 29 on fuse holder B
T3s	3-pin connector, on front passenger side mirror adjustment motor
T6z	6-pin connector, on onboard supply control unit
T9f	9-pin connector, on automatic intermittent wash and wipe relay
T21b	21-pin connector, in the front right door
V25	Front passenger side mirror adjustment motor
V150	Front passenger side mirror adjustment motor
B147	Positive connection 2 (87), in interior wiring harness
B588	Positive connection (53a), in interior wiring harness
B606	Connection 2, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Control unit in dash panel insert, onboard supply control unit, dash panel insert, alternator warning lamp

J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
T16b	16-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Radio

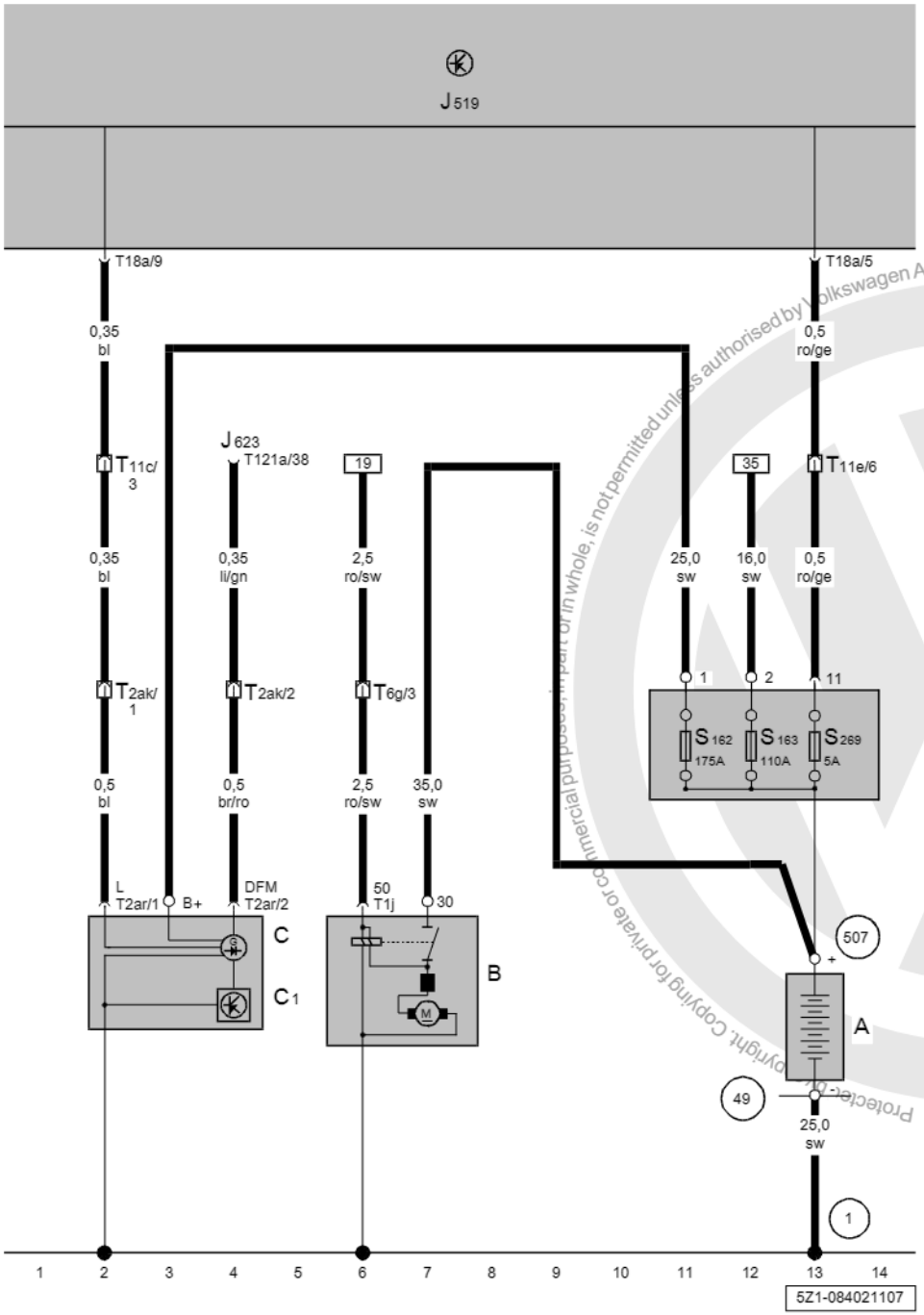
⇒ 1.9 l - SDI - 47 kW, engine code ASY
from December 2007

Notes:
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

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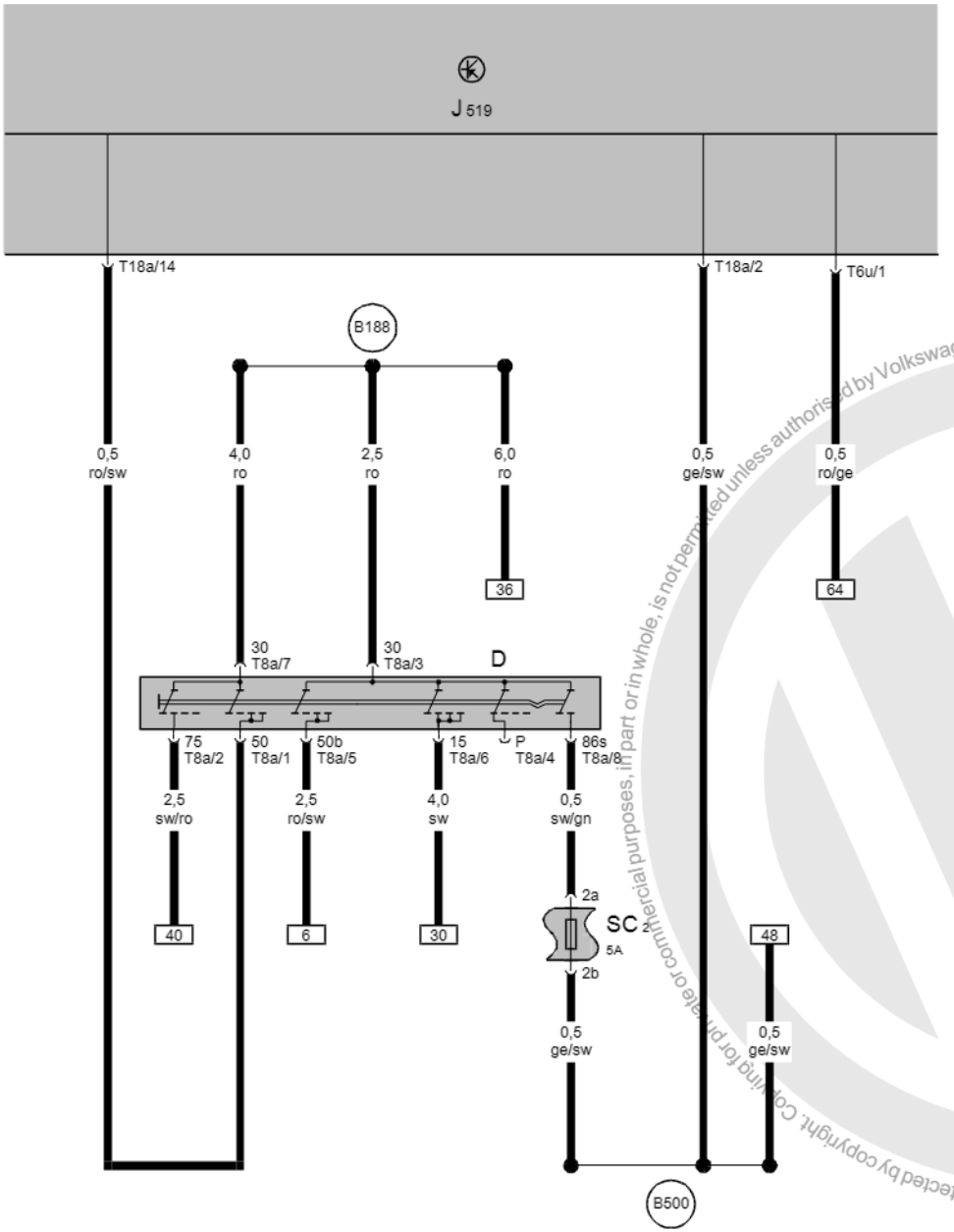


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S269	Fuse 11 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
T121a	121-pin connector, on engine control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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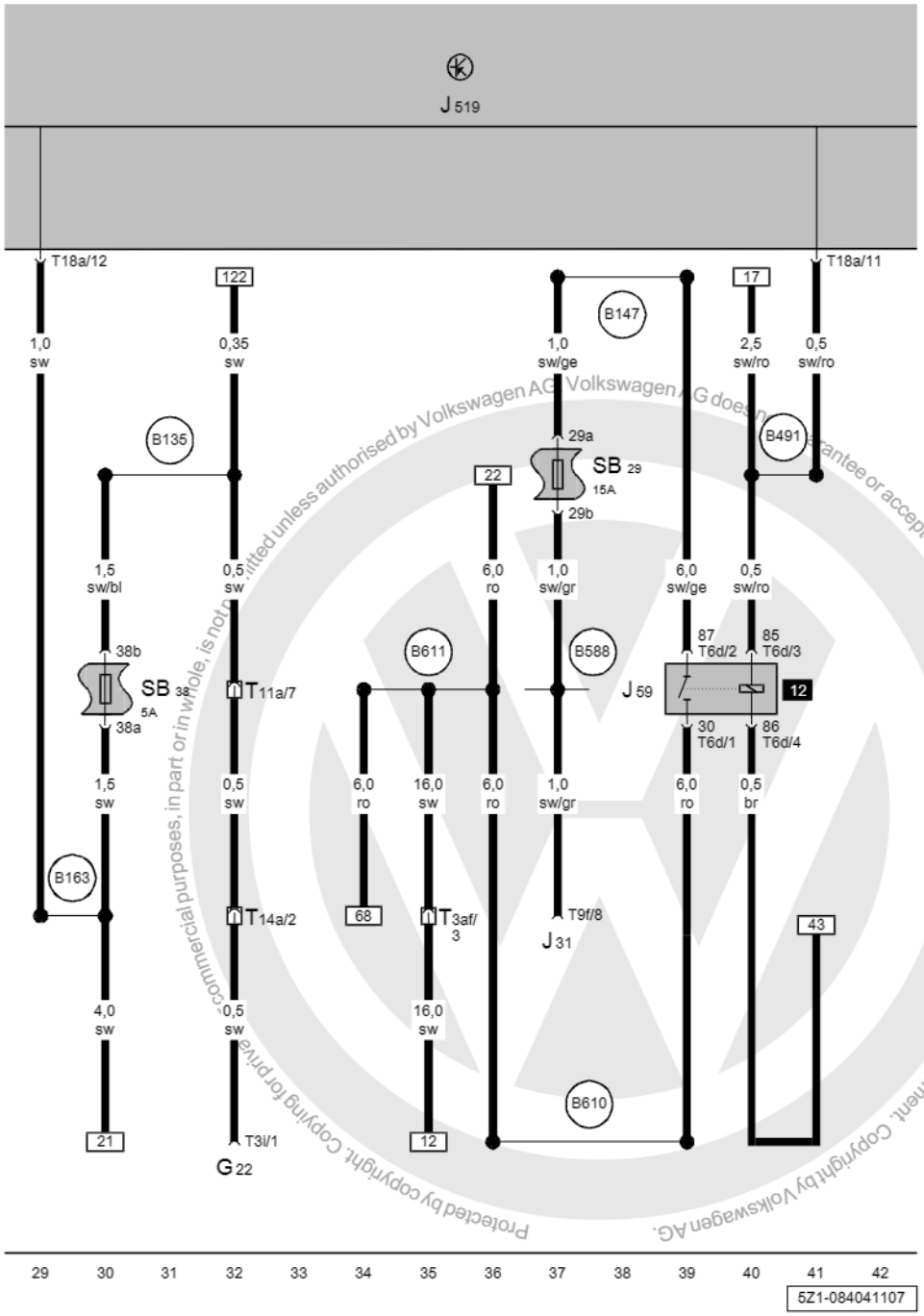


Ignition/starter switch, onboard supply control unit

D	Ignition/starter switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T6u	6-pin connector, on onboard supply control unit
T8a	8-connector, on ignition/starter switch
T18a	18-pin connector, on onboard supply control unit
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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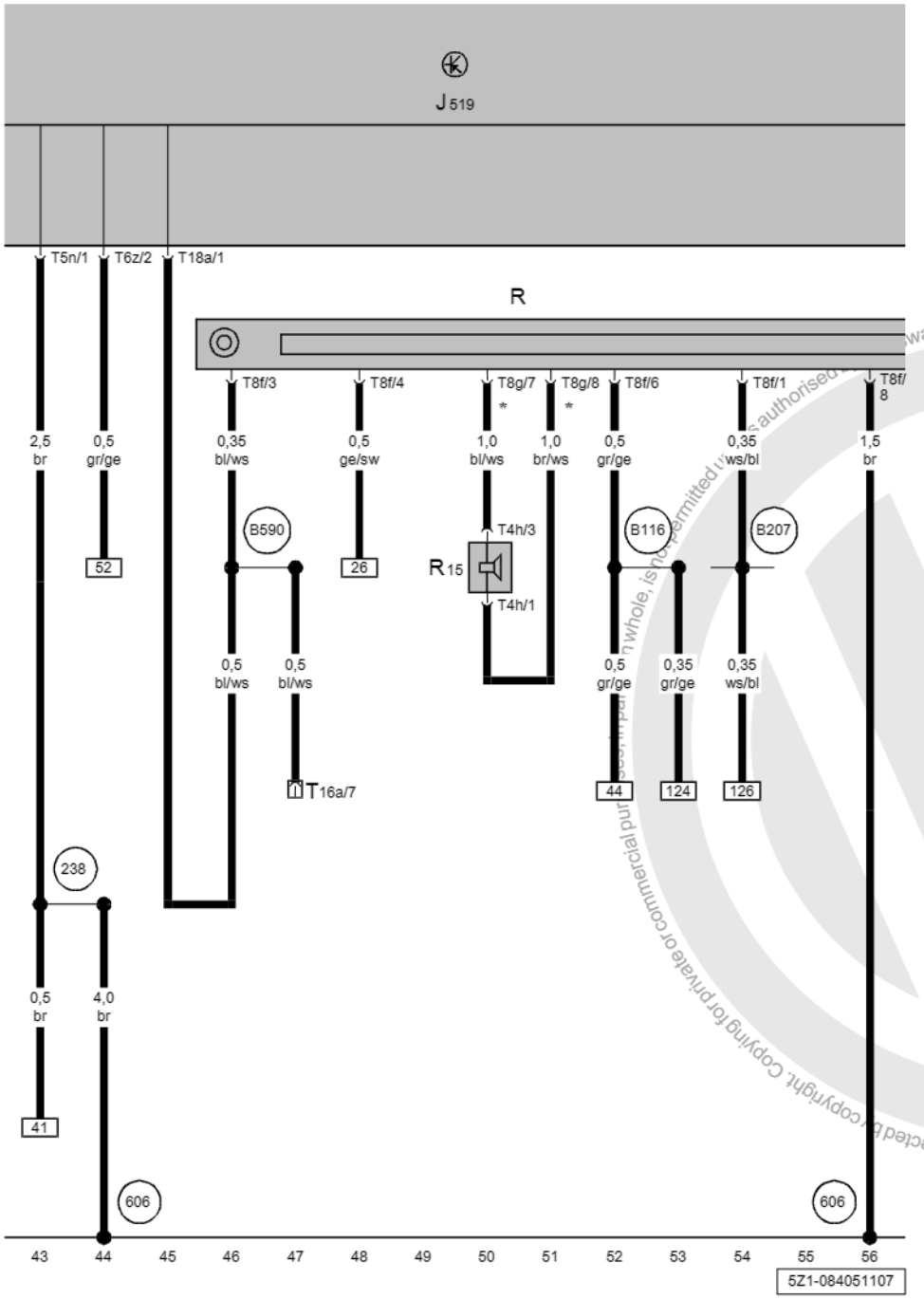


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ro = red
rt = red
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li = purple
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ge = yellow
or = orange
rs = pink

X-contact relief relay, onboard supply control unit

G22	Speedometer sender
J31	Automatic intermittent wash and wipe relay
J59	X-contact relief relay
J519	Onboard supply control unit
SB29	Fuse 29 on fuse holder B
SB38	Fuse 38 on fuse holder B
T3i	3-pin connector, on speedometer sender
T3af	3-pin connector, in left engine compartment
T6d	6-pin connector, on X-contact relief relay
T9f	9-pin connector, on automatic intermittent wash and wipe relay
T11a	11-pin connector, in left engine compartment
T14a	14-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
B135	Positive connection 1 (15a), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B588	Positive connection (53a), in interior wiring harness
B610	Connection 6, in interior wiring harness
B611	Connection 7, in interior wiring harness

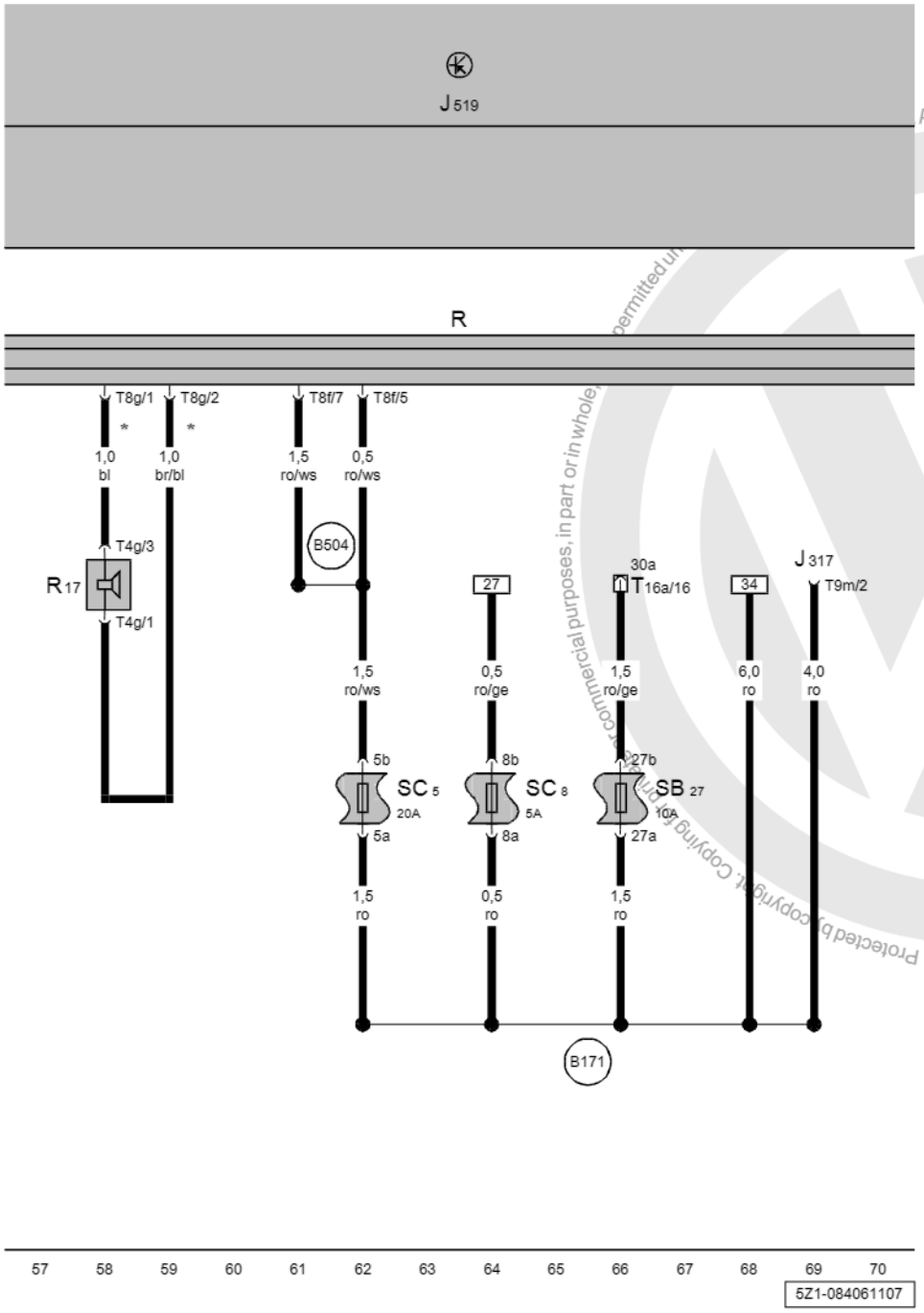


Onboard supply control unit, radio, rear left bass loudspeaker

J519	Onboard supply control unit
R	Radio
R15	Rear left bass loudspeaker
T4h	4-pin connector, on rear left bass loudspeaker
T5n	5-pin connector, on onboard supply control unit
T6z	6-pin connector, on onboard supply control unit
T8f	8-connector, on radio
T8g	8-connector, on radio
T16a	16-pin connector, diagnostic
T18a	18-pin connector, on onboard supply control unit
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B116	Connection (58d), in interior wiring harness
B207	Connection (convenience), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness
*	for models with 2-door vehicle only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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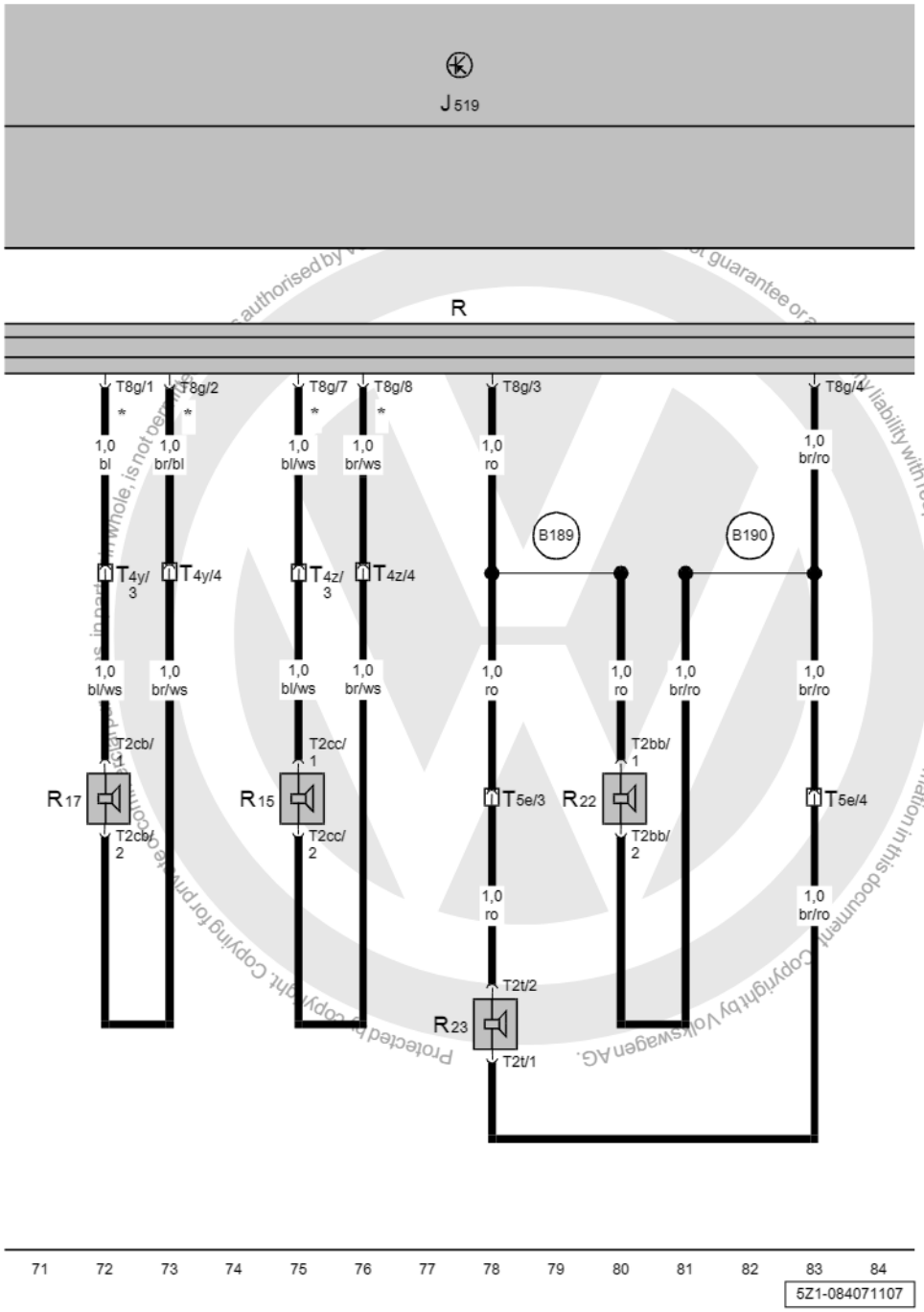


Onboard supply control unit, radio, rear right bass loudspeaker

J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
R	Radio
R17	Rear right bass loudspeaker
SB27	Fuse 27 on fuse holder B
SC5	Fuse 5 on fuse holder C
SC8	Fuse 8 on fuse holder C
T4g	4-pin connector, on rear right bass loudspeaker
T8f	8-connector, on radio
T8g	8-connector, on radio
T9m	9-pin connector, on terminal 30 voltage supply relay
T16a	16-pin connector, diagnostic
B171	Positive connection 3 (30), in interior wiring harness
B504	Positive connection 8 (30a), in interior wiring harness
*	for models with 2-door vehicle only

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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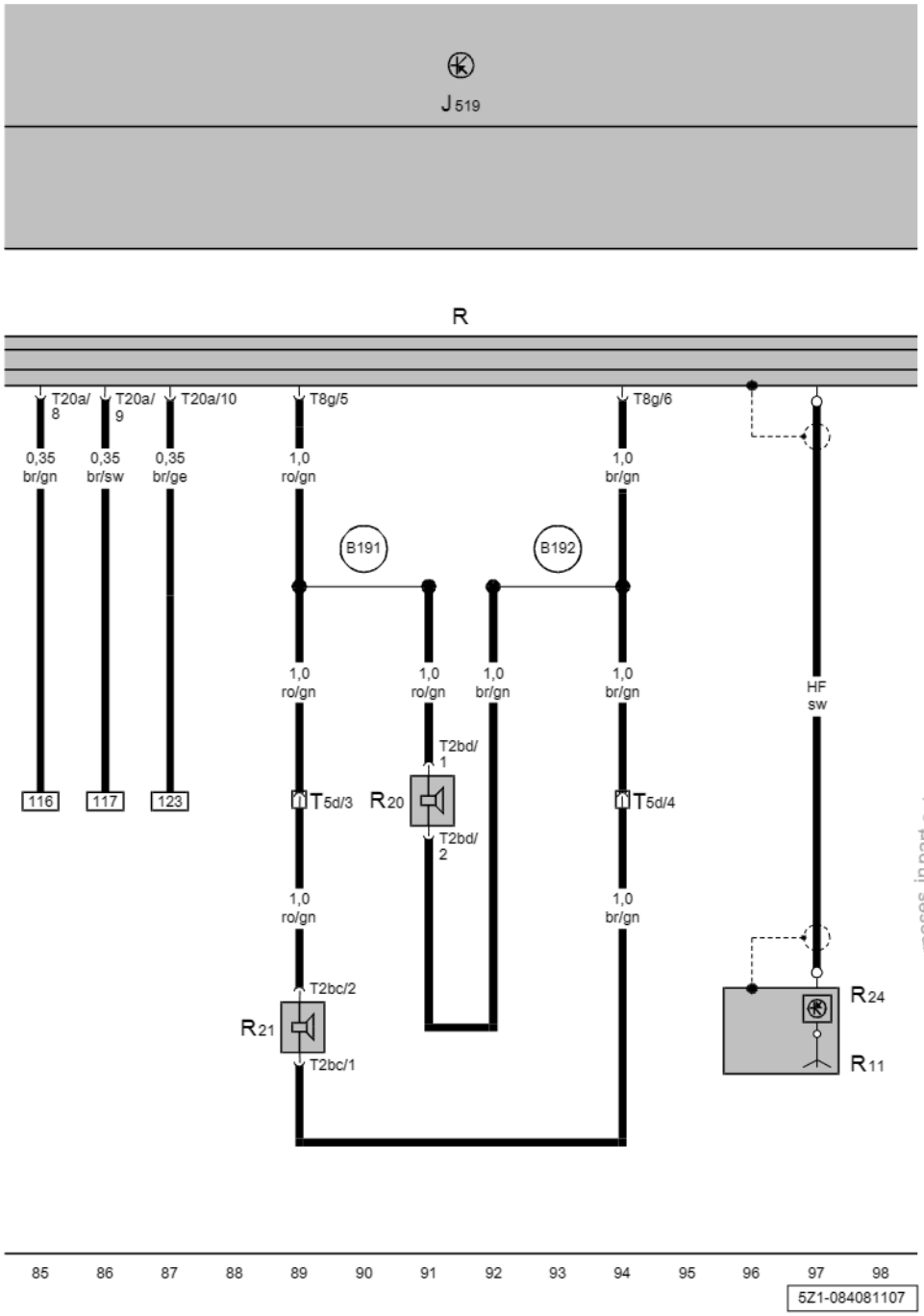


Onboard supply control unit, radio, rear left bass loudspeaker, rear right bass loudspeaker, front right treble loudspeaker, front right bass loudspeaker

J519	Onboard supply control unit
R	Radio
R15	Rear left bass loudspeaker
R17	Rear right bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
T2t	2-pin connector, on front right bass loudspeaker
T2bb	2-pin connector, on front right treble loudspeaker
T2cb	2-pin connector, on rear right bass loudspeaker
T2cc	2-pin connector, on rear left bass loudspeaker
T4y	4-pin connector, in rear right door
T4z	4-pin connector, in rear left door
T5e	5-pin connector, in front passenger door
T8g	8-connector, on radio
B189	Connection (positive, front right loudspeaker), in interior wiring harness
B190	Connection (negative, front right loudspeaker), in interior wiring harness
*	for models with 4-door vehicle only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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gn	=	green
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ge	=	yellow
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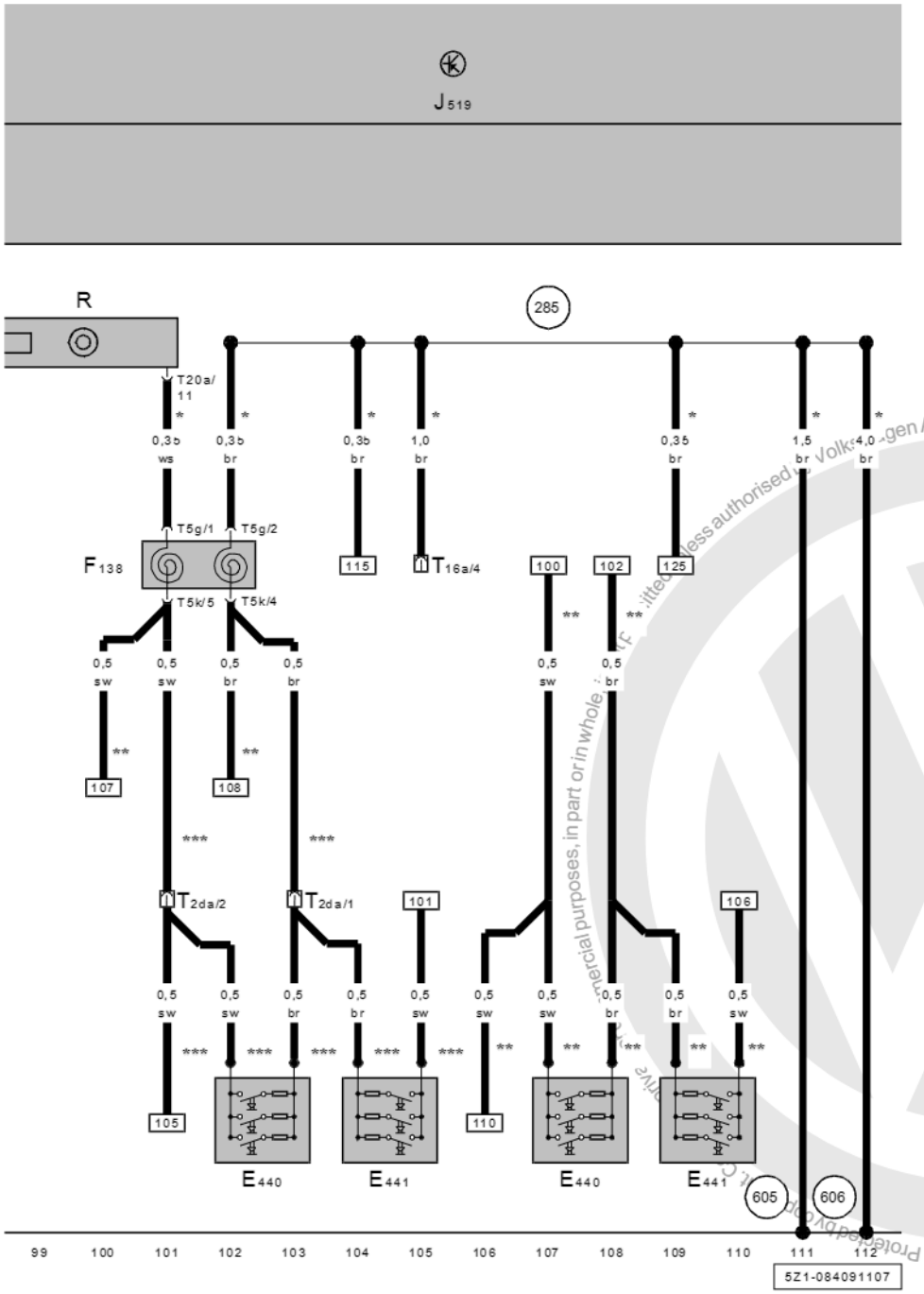


Onboard supply control unit, radio, aerial, front left treble loudspeaker, front left bass loudspeaker, aerial amplifier

J519	Onboard supply control unit
R	Radio
R11	Aerial
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R24	Aerial amplifier
T2bc	2-pin connector, on front left bass loudspeaker
T2bd	2-pin connector, on front left treble loudspeaker
T5d	5-pin connector, in driver door
T8g	8-connector, on radio
T20a	20-pin connector, on radio
B191	Connection (positive, front left loudspeaker), in interior wiring harness
B192	Connection (negative, front left loudspeaker), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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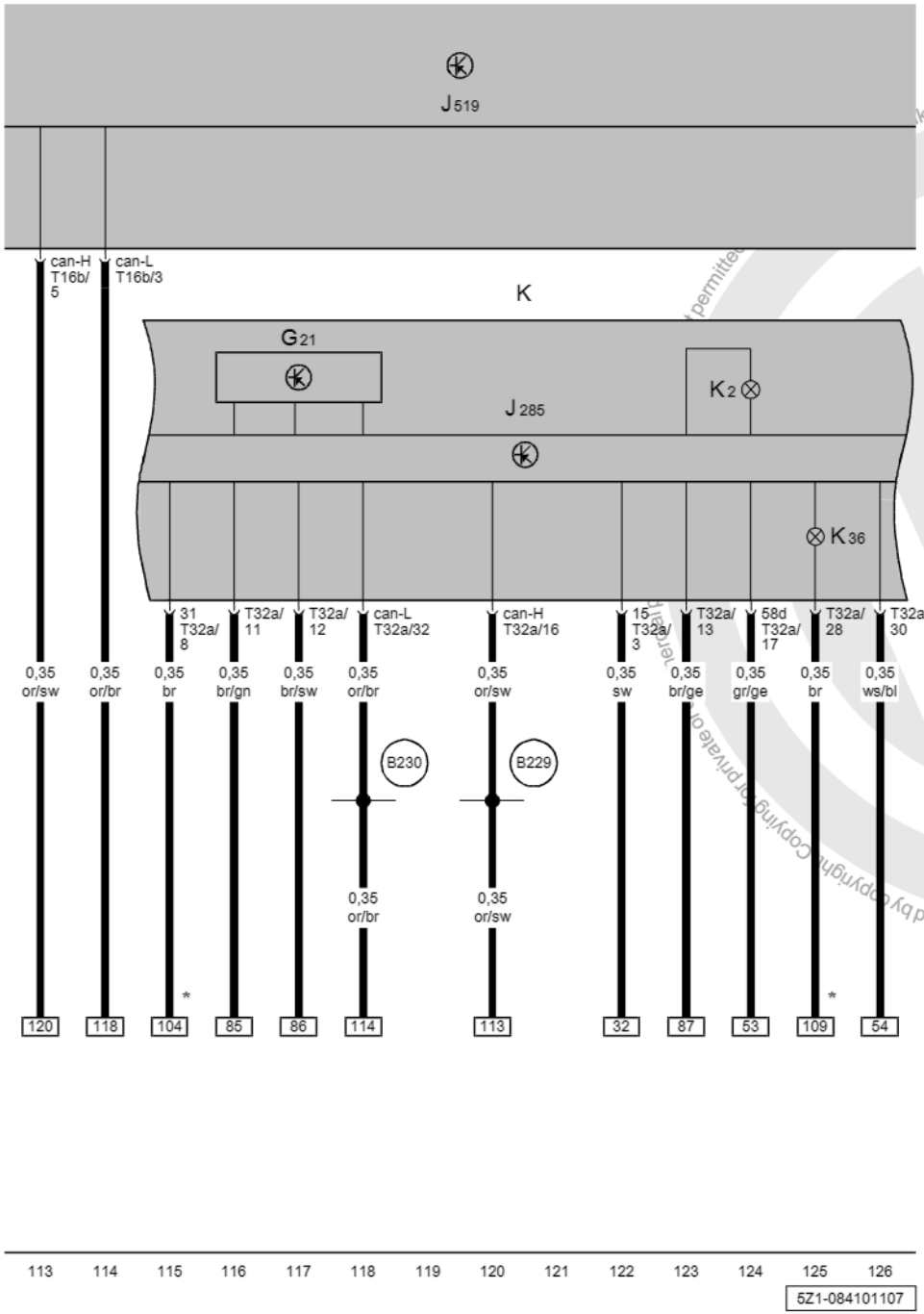


Multifunction buttons on left in steering wheel, multifunction buttons on right in steering wheel, Airbag coil connector/ return spring with slip ring, onboard supply control unit, radio

E440	Multifunction buttons on left in steering wheel
E441	Multifunction buttons on right in steering wheel
F138	Airbag coil connector and return spring with slip ring
J519	Onboard supply control unit
R	Radio
T2da	3-pin connector, behind steering column switch trim
T5g	5-pin connector, on airbag coil connector and return spring with slip ring
T5k	5-pin connector, on airbag coil connector and return spring with slip ring
T16a	16-pin connector, diagnostic
T20a	20-pin connector, on radio
285	Earth connection 7, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near selector lever
*	for models with multifunction display only
**	only models without airbag
***	models with airbag only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Speedometer, control unit in dash panel insert, onboard supply control unit, dash panel insert, alternator warning lamp, coolant shortage warning lamp

G21	Speedometer
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
K36	Coolant shortage warning lamp
T16b	16-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	for models with multifunction display only

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Twin headlight light switch

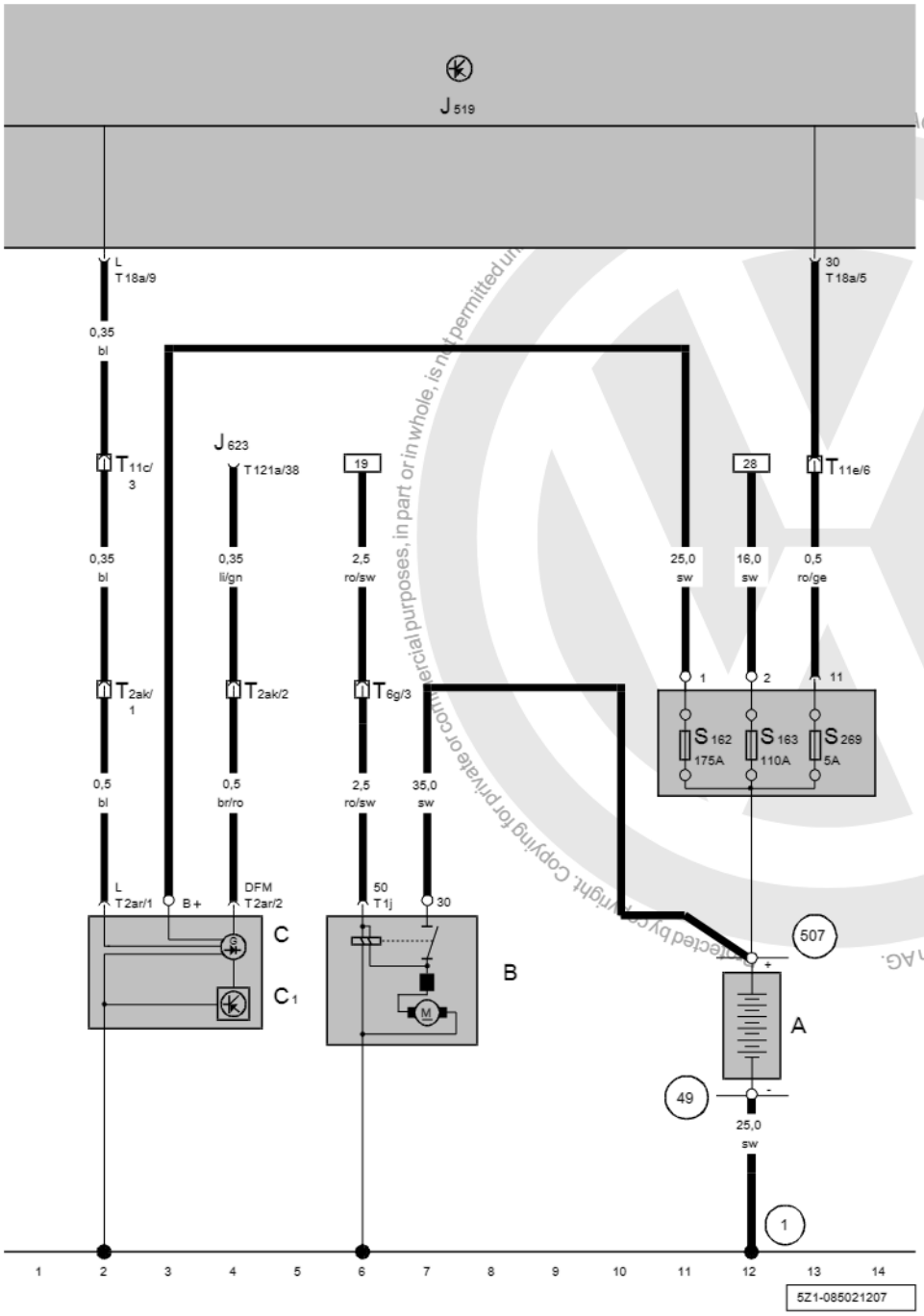
⇒ 1.9 l - SDI - 47 kW, engine code ASY
from December 2007

Notes:
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

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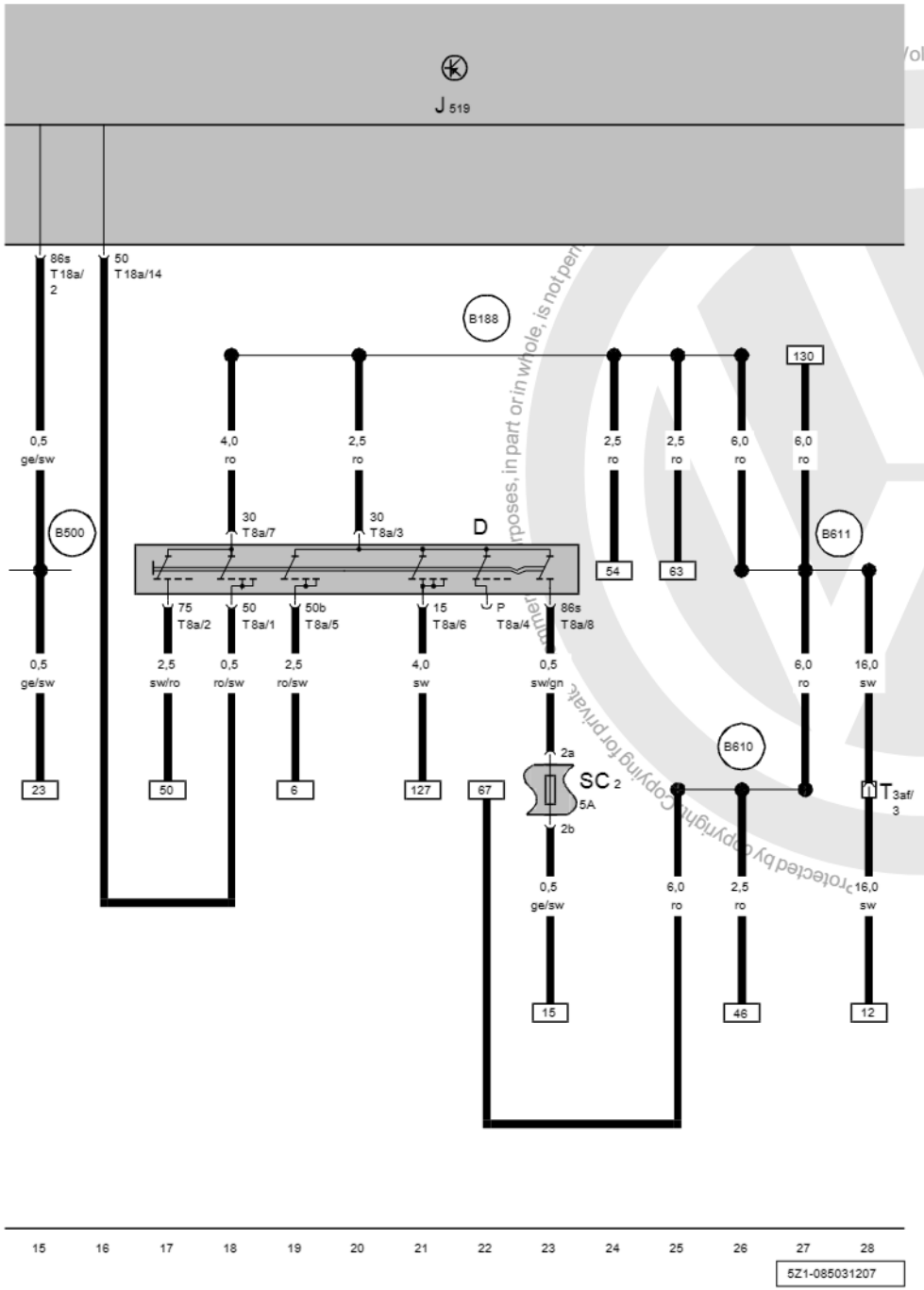


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S269	Fuse 11 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, near starter
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
T121a	121-pin connector, on engine control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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rs	=	pink

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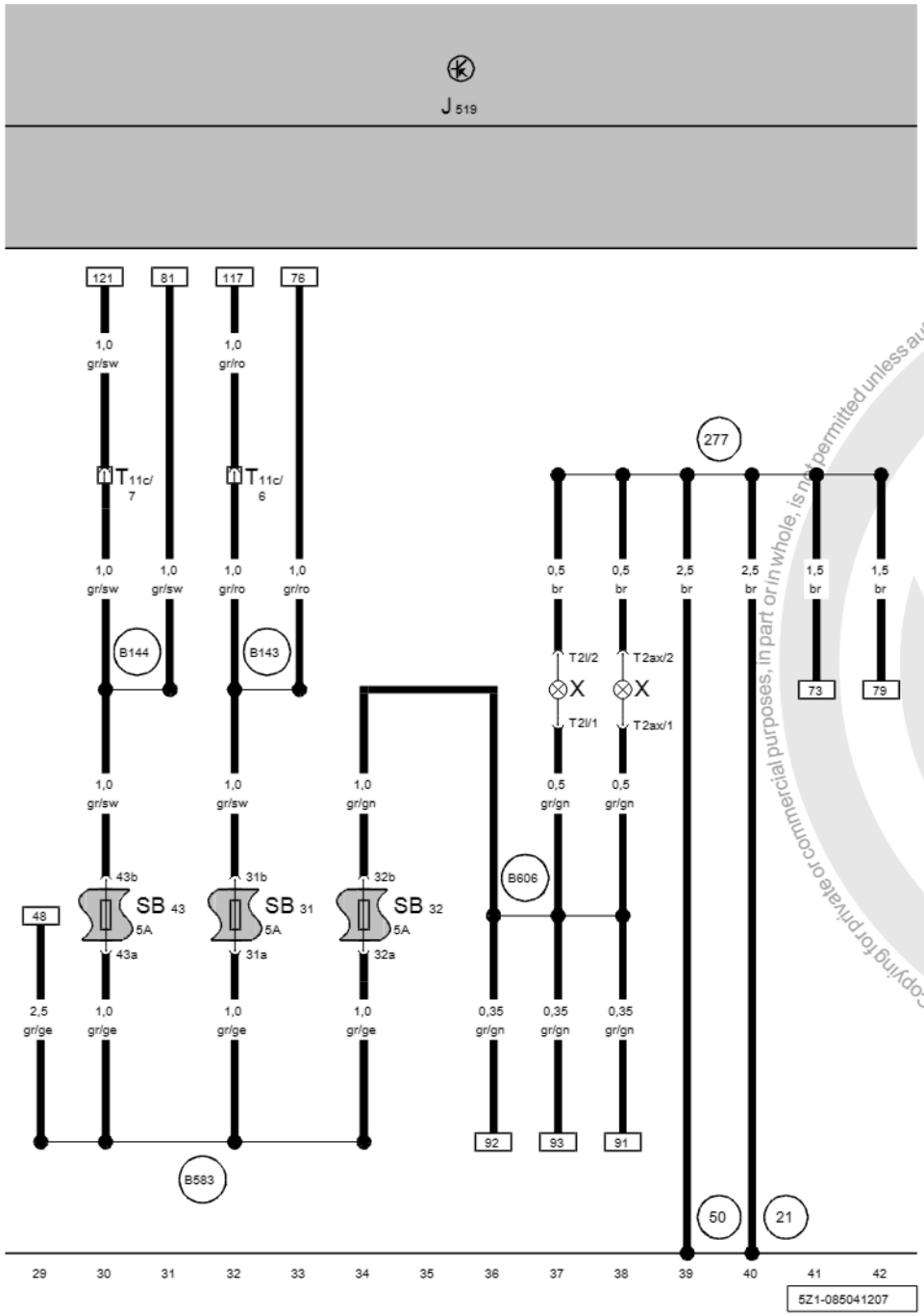


Ignition/starter switch, onboard supply control unit

D	Ignition/starter switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T3af	3-pin connector, in left engine compartment
T8a	8-connector, on ignition/starter switch
T18a	18-pin connector, on onboard supply control unit
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness
B610	Connection 6, in interior wiring harness
B611	Connection 7, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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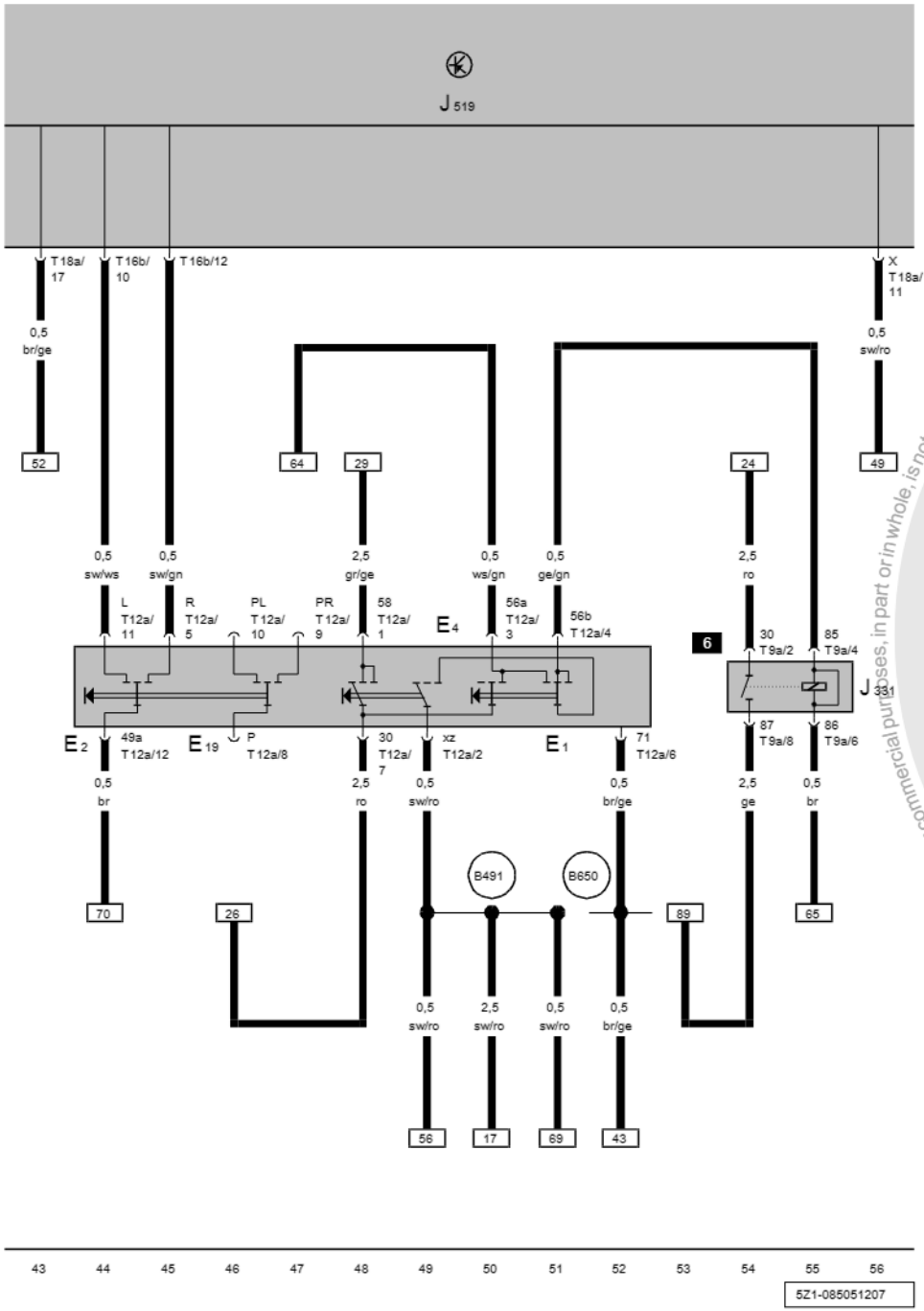


Onboard supply control unit, number plate light

J519	Onboard supply control unit
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB43	Fuse 43 on fuse holder B
T2ax	2-pin connector, on number plate light
T2l	2-pin connector, on number plate light
T11c	11-pin connector, in left engine compartment
X	Number plate light
21	Earth point, near fuel pump
50	Earth points, on left in luggage compartment
277	Earth connection 3, in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B606	Connection 2, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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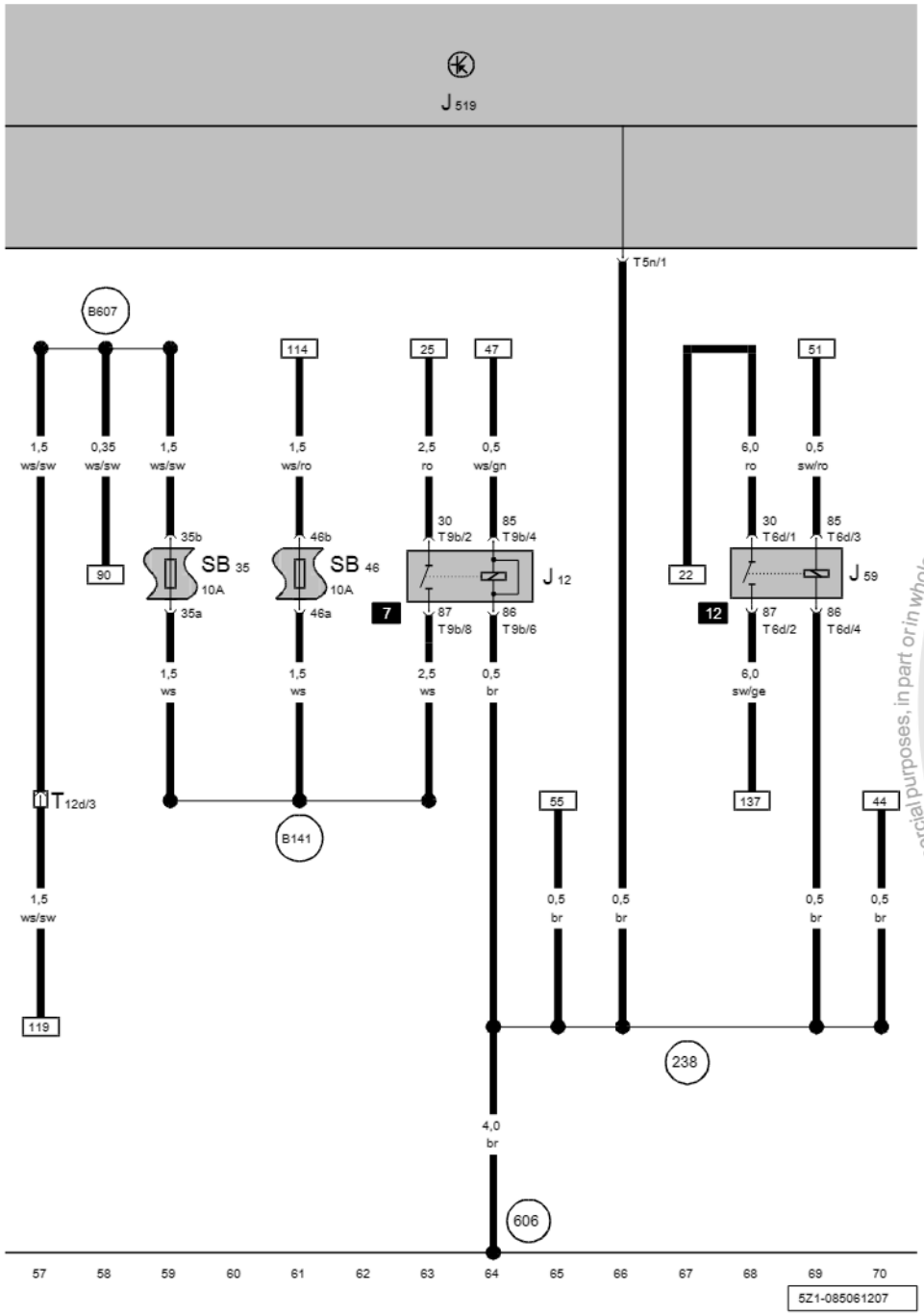


Light switch, turn signal switch, headlight dipper/flasher switch, parking light switch, dipped beam relay

E1	Light switch
E2	Turn signal switch
E4	Headlight dipper/flasher switch
E19	Parking light switch
J331	Dipped beam relay
J519	Onboard supply control unit
T9a	9-pin connector, on dipped beam relay
T12a	12-pin connector, on light switch
T16b	16-pin connector, on onboard supply control unit
T18a	18-pin connector, on onboard supply control unit
B491	Positive connection (75), in interior wiring harness
B650	Connection 8, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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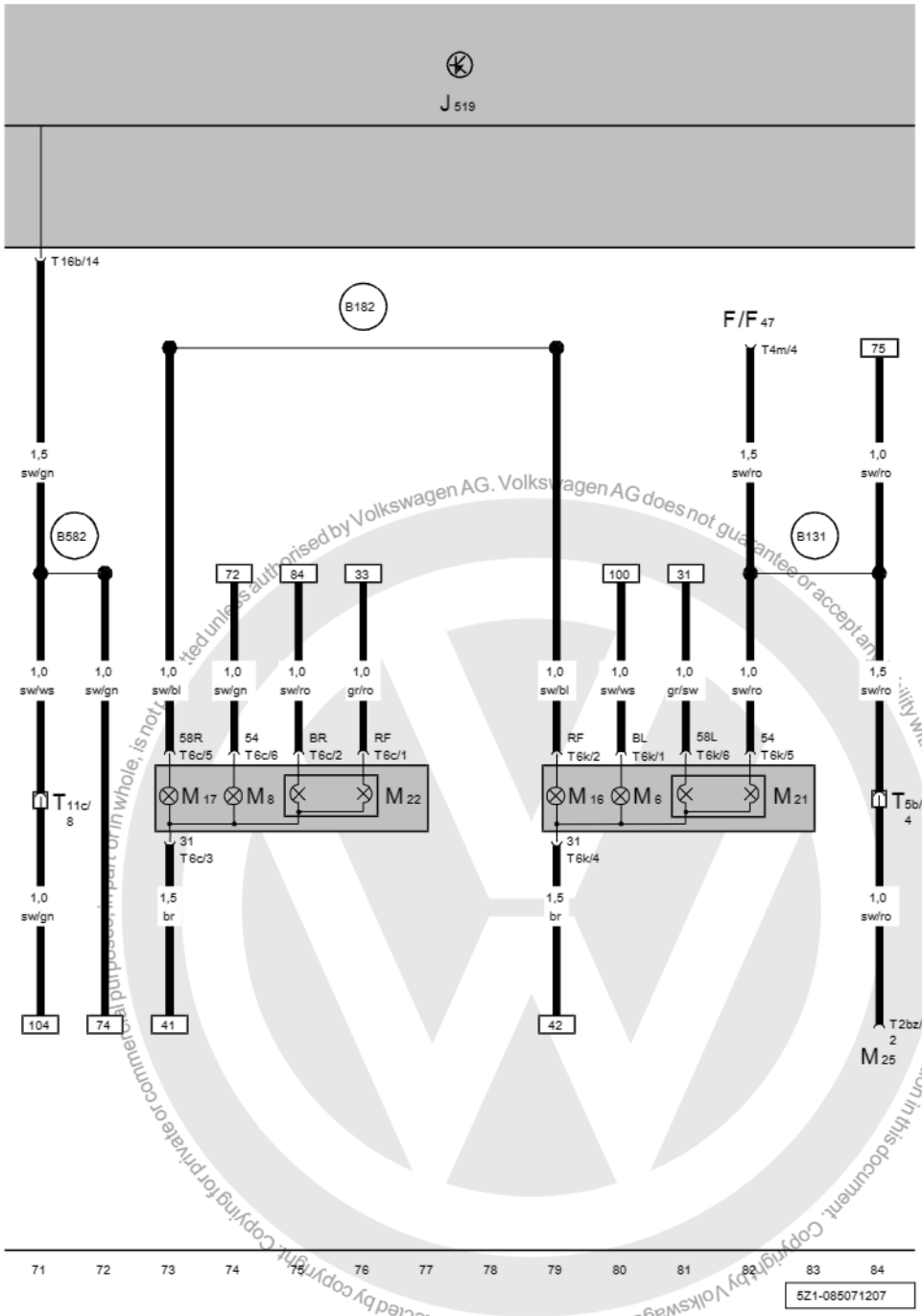


Headlight main beam relay, X-contact relief relay, onboard supply control unit

J12	Headlight main beam relay
J59	X-contact relief relay
J519	Onboard supply control unit
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T5n	5-pin connector, on onboard supply control unit
T6d	6-pin connector, on X-contact relief relay
T9b	9-pin connector, on headlight main beam relay
T12d	12-pin connector, in left engine compartment
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B141	Positive connection 1 (56a), in interior wiring harness
B607	Connection 3, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
li	=	purple
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ge	=	yellow
or	=	orange
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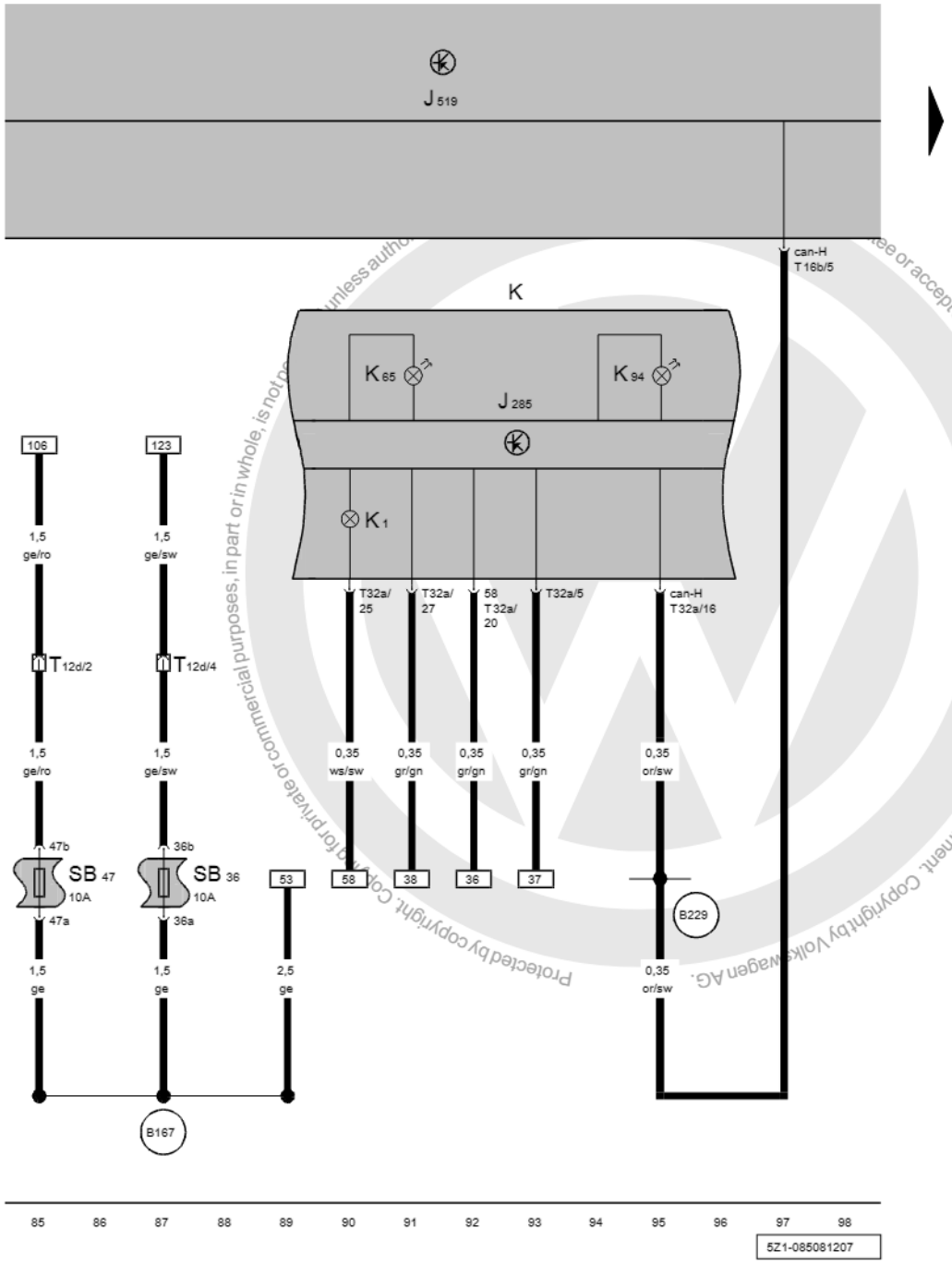
Onboard supply control unit, rear left turn signal bulb, left reversing light bulb, left brake and tail light bulb

F	Brake light switch
F47	Brake pedal switch
J519	Onboard supply control unit
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M25	Brake light bulb
T2bz	2-pin connector, on brake light bulb
T4m	4-pin connector, on brake light switch
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T6c	6-pin connector, on the rear right turn signal bulb
T6k	6-pin connector, on the rear left turn signal bulb
T11c	11-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
B131	Connection (54), in interior wiring harness
B182	Connection (RL), in interior wiring harness
B582	Positive connection (right indicator lamp), interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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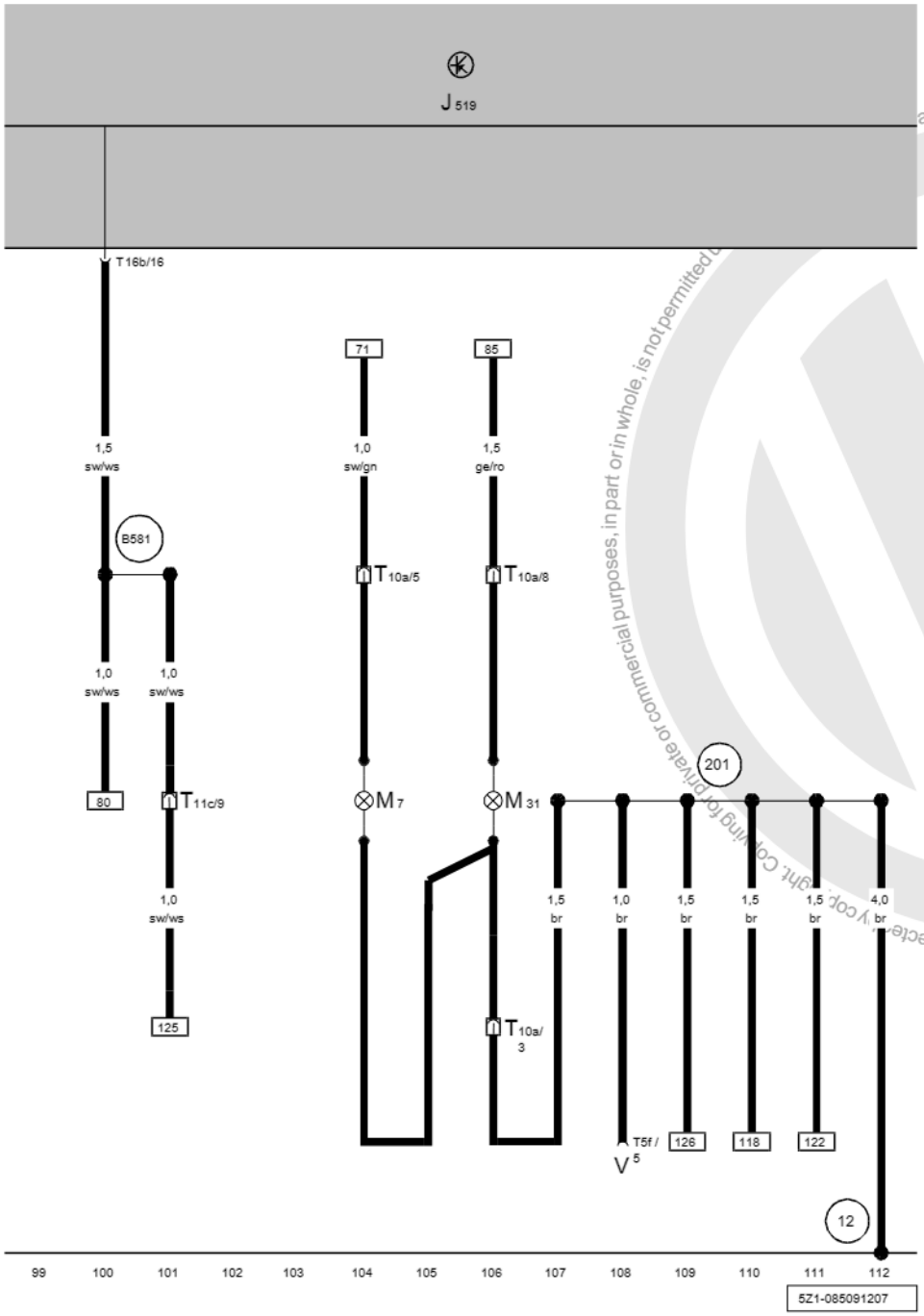
Control unit in dash panel insert, dash panel insert, main beam warning lamp, left turn signal warning lamp

J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K1	Main beam warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
SB36	Fuse 36 on fuse holder B
SB47	Fuse 47 on fuse holder B
T12d	12-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
B167	Connection (56b), in interior wiring harness
B229	Connection (high bus), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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ge	=	yellow
or	=	orange
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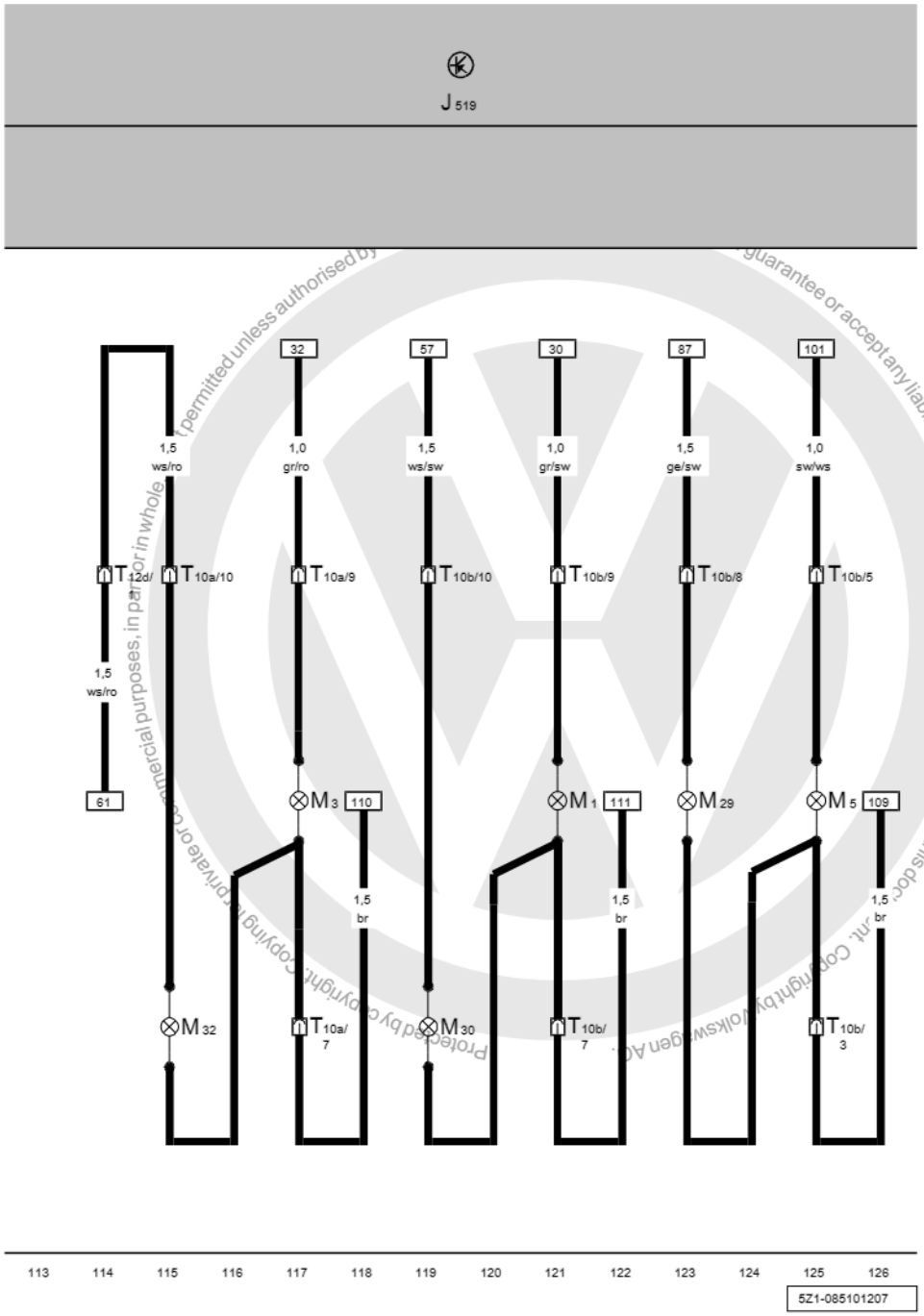


Onboard supply control unit, front right turn signal bulb, right headlight dipped beam bulb

J519	Onboard supply control unit
M7	Front right turn signal bulb
M31	Right dipped beam bulb
T5f	5-pin connector, on windscreen wiper motor
T10a	10-pin connector, on right headlight dipped beam bulb
T11c	11-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
V	Windscreen wiper motor
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
B581	Positive connection (left indicator lamp), interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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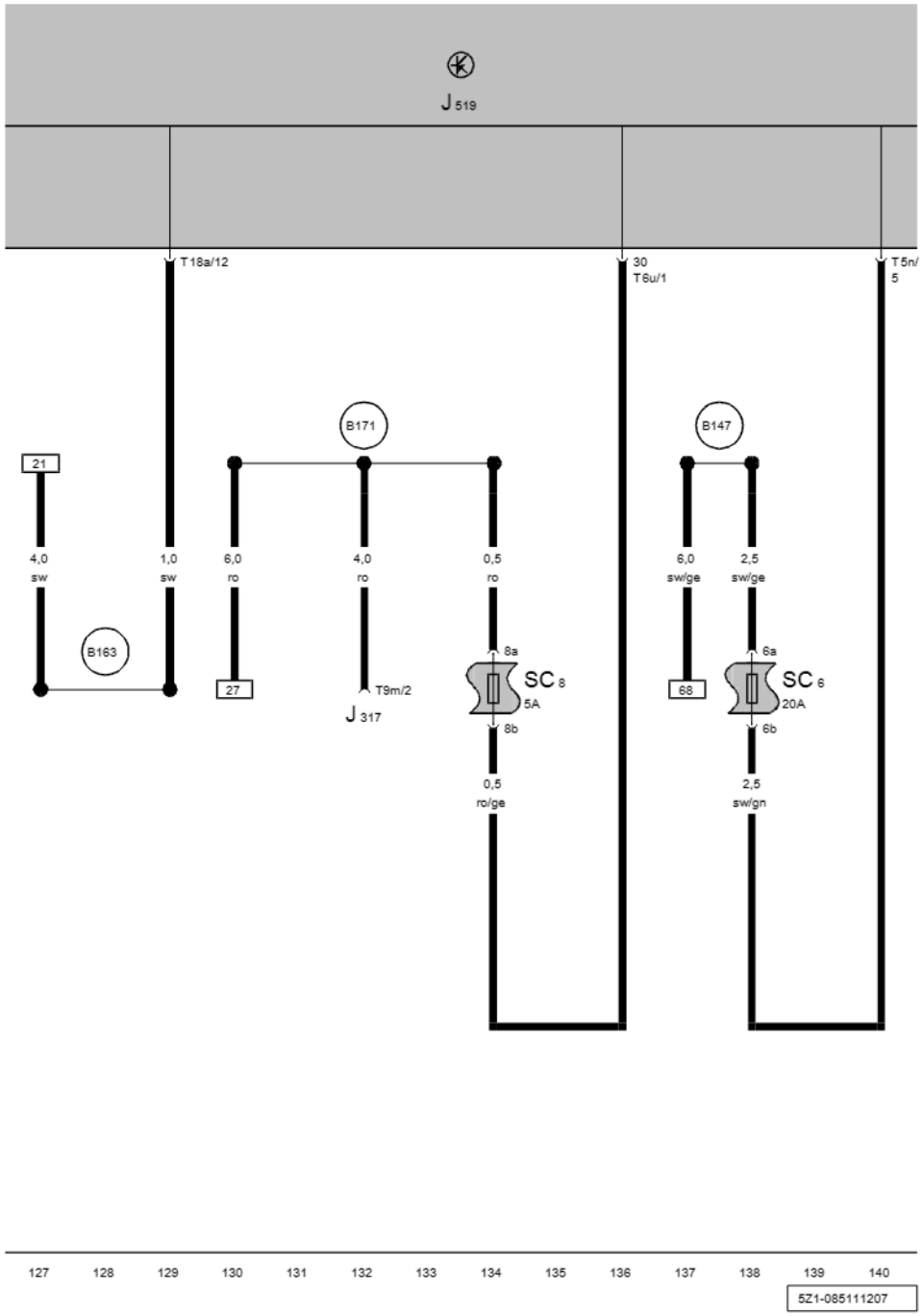


Front left side marker bulb, front right side marker bulb, front left turn signal bulb, left headlight dipped beam bulb, left main beam bulb, right main beam bulb

J519	Onboard supply control unit
M1	Front left side marker bulb
M3	Front right side marker bulb
M5	Front left turn signal bulb
M29	Left dipped beam bulb
M30	Left main beam bulb
M32	Right main beam bulb
T10a	10-pin connector, on right headlight dipped beam bulb
T10b	10-pin connector, on left headlight dipped beam bulb
T12d	12-pin connector, in left engine compartment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Onboard supply control unit

J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SC6	Fuse 6 on fuse holder C
SC8	Fuse 8 on fuse holder C
T5n	5-pin connector, on onboard supply control unit
T6u	6-pin connector, on onboard supply control unit
T9m	9-pin connector, on terminal 30 voltage supply relay
T18a	18-pin connector, on onboard supply control unit
B147	Positive connection 2 (87), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Electrohydraulic power assisted steering

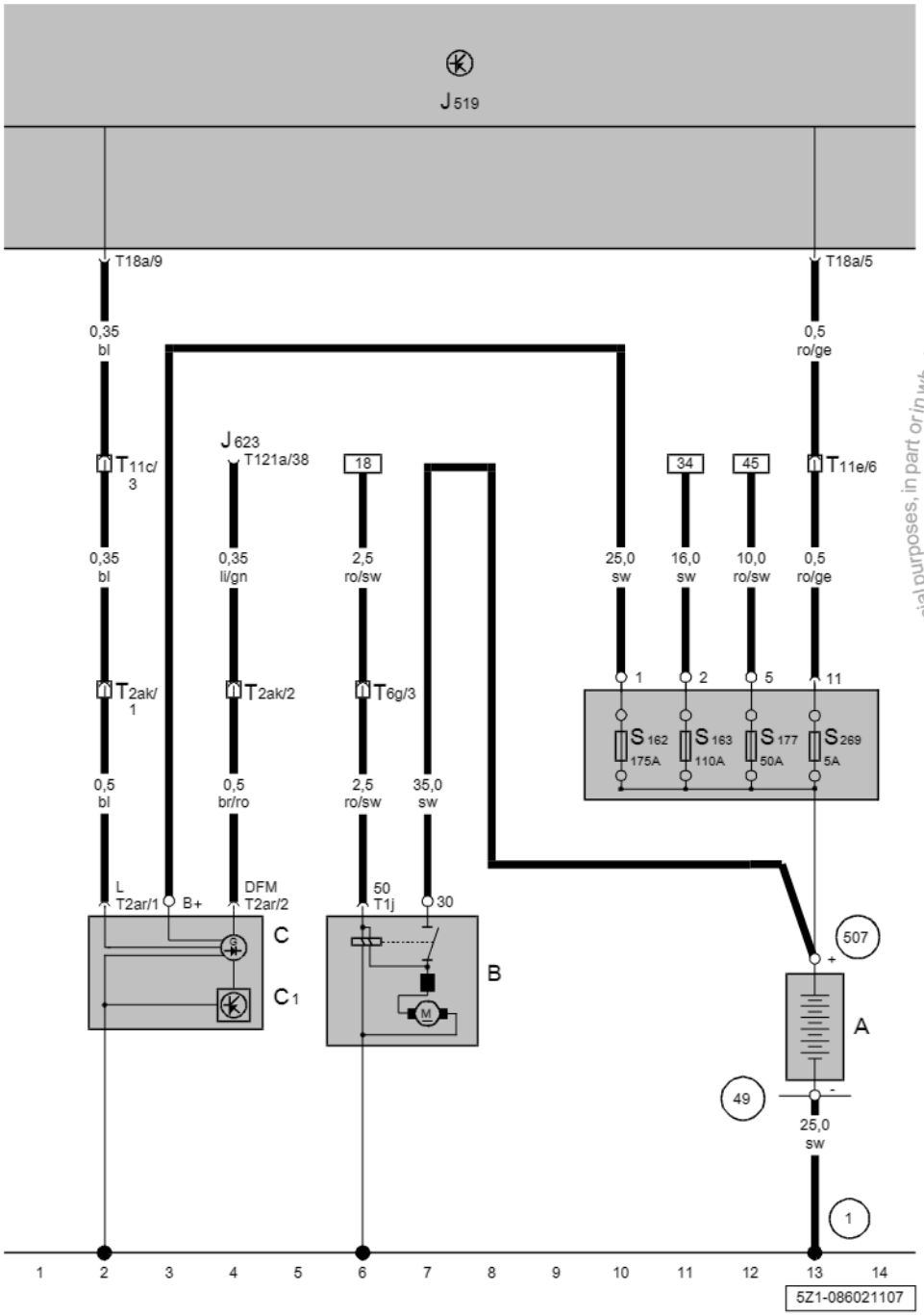
⇒ 1.9 l - SDI - 47 kW, engine code ASY
from December 2007

Notes:
For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

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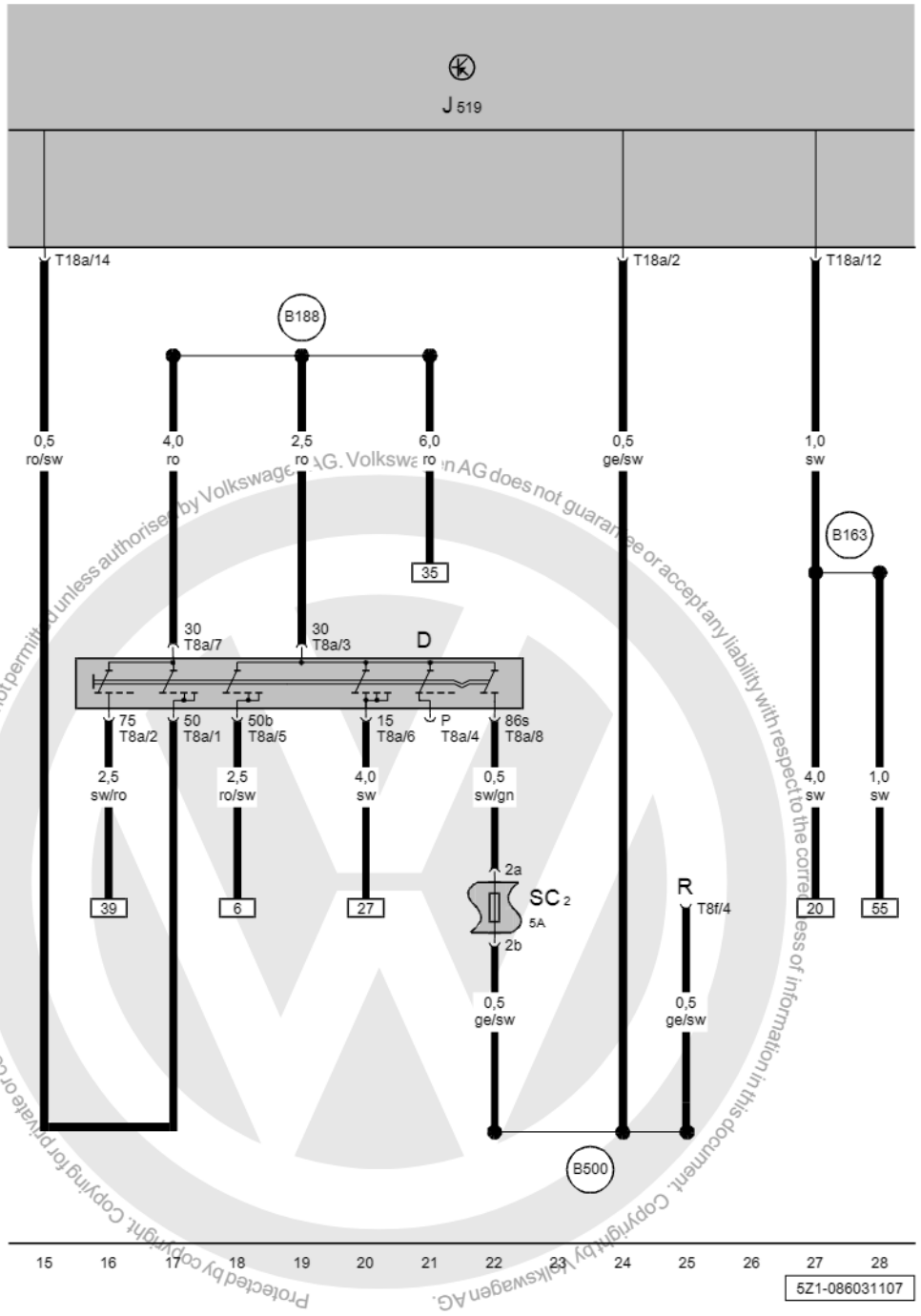


Battery, starter, alternator, voltage regulator, onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S177	Fuse 5 (30) in fuse holder on battery
S269	Fuse 11 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T18a	18-pin connector, on onboard supply control unit
T121a	121-pin connector, on engine control unit
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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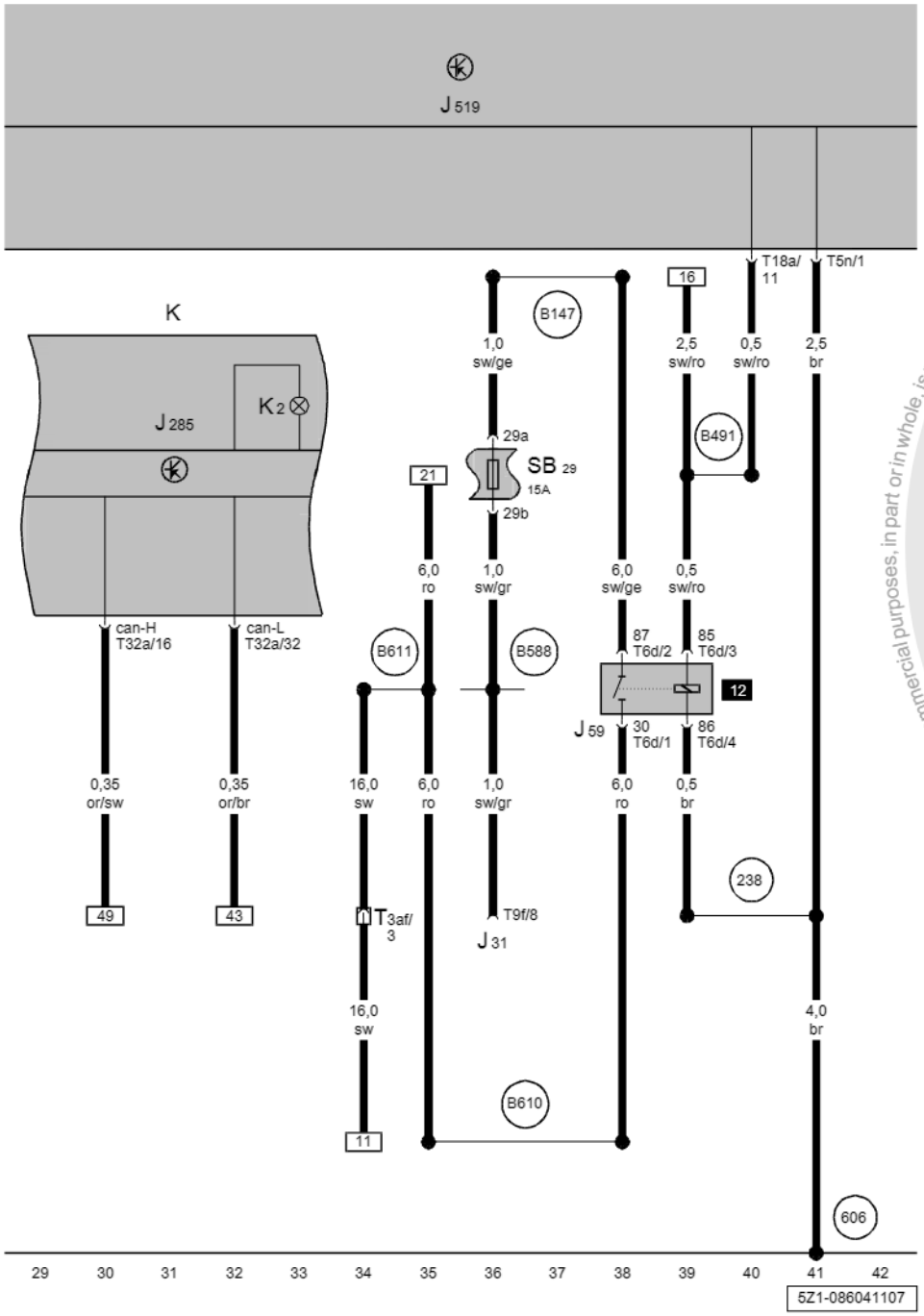


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Ignition/starter switch, onboard supply control unit

D	Ignition/starter switch
J519	Onboard supply control unit
R	Radio
SC2	Fuse 2 on fuse holder C
T8a	8-connector, on ignition/starter switch
T8f	8-connector, on radio
T18a	18-pin connector, on onboard supply control unit
B163	Positive connection 1 (15), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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rs	=	pink



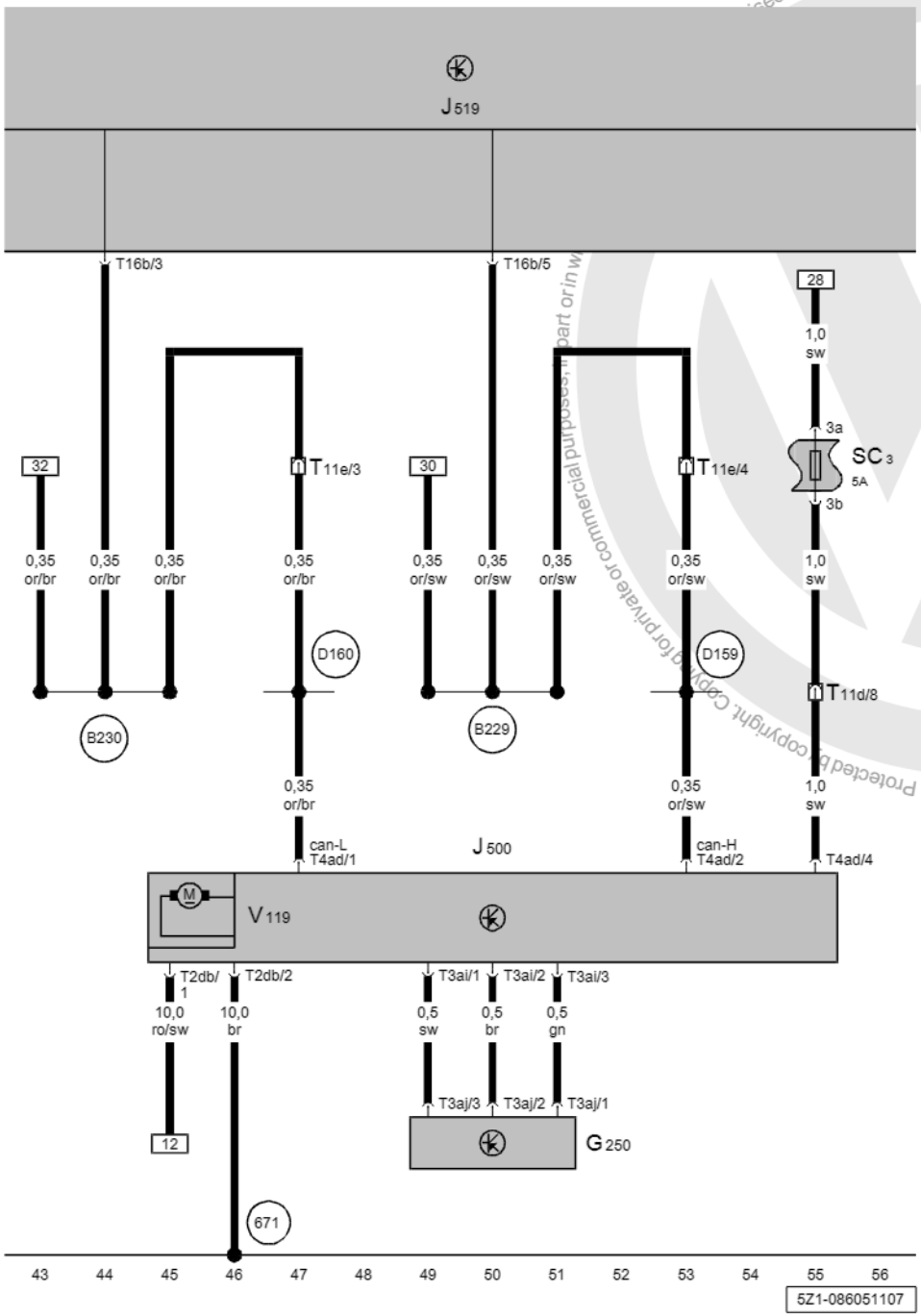
X-contact relief relay, control unit in dash panel insert, onboard supply control unit, dash panel insert, alternator warning lamp

J31	Automatic intermittent wash and wipe relay
J59	X-contact relief relay
J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K2	Alternator warning lamp
SB29	Fuse 29 on fuse holder B
T3af	3-pin connector, in left engine compartment
T5n	5-pin connector, on onboard supply control unit
T6d	6-pin connector, on X-contact relief relay
T9f	9-pin connector, on automatic intermittent wash and wipe relay
T18a	18-pin connector, on onboard supply control unit
T32a	32-pin connector, on dash panel insert
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B147	Positive connection 2 (87), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B588	Positive connection (53a), in interior wiring harness
B610	Connection 6, in interior wiring harness
B611	Connection 7, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
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Power steering sensor, power steering control unit, onboard supply control unit, steering hydraulics pump

G250	Power steering sensor
J500	Power steering control unit
J519	Onboard supply control unit
SC3	Fuse 3 on fuse holder C
T2db	2-pin connector, on steering hydraulics pump
T3ai	3-pin connector, on power steering control unit
T3aj	3-pin connector, on power steering sensor
T4ad	4-pin connector, on power steering control unit
T11d	11-pin connector, in left engine compartment
T11e	11-pin connector, in left engine compartment
T16b	16-pin connector, on onboard supply control unit
V119	Steering hydraulics pump
671	Earth point 1, on front of left longitudinal member
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness

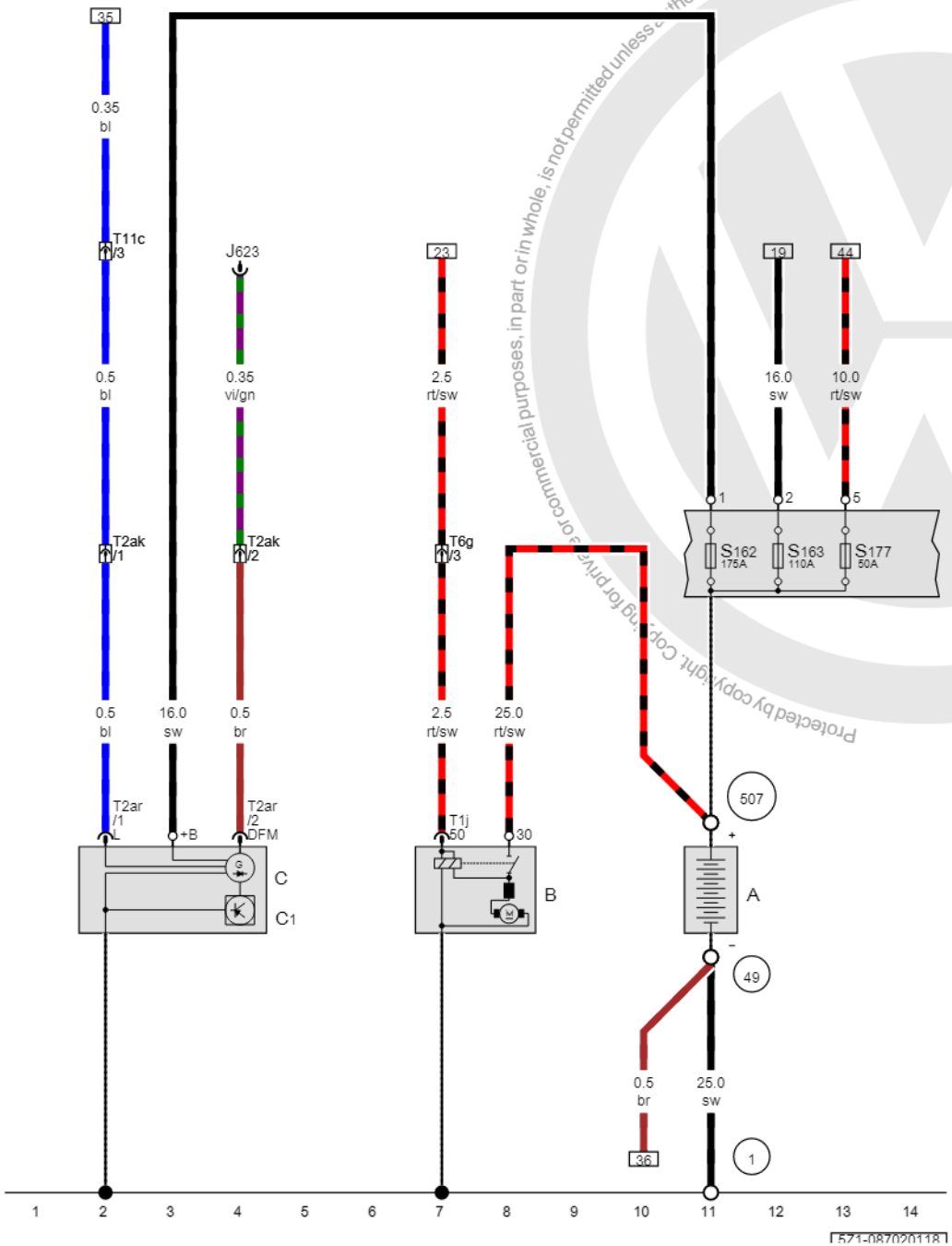
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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rs	=	pink

Electrohydraulic power steering , (F6G)

From December 2006

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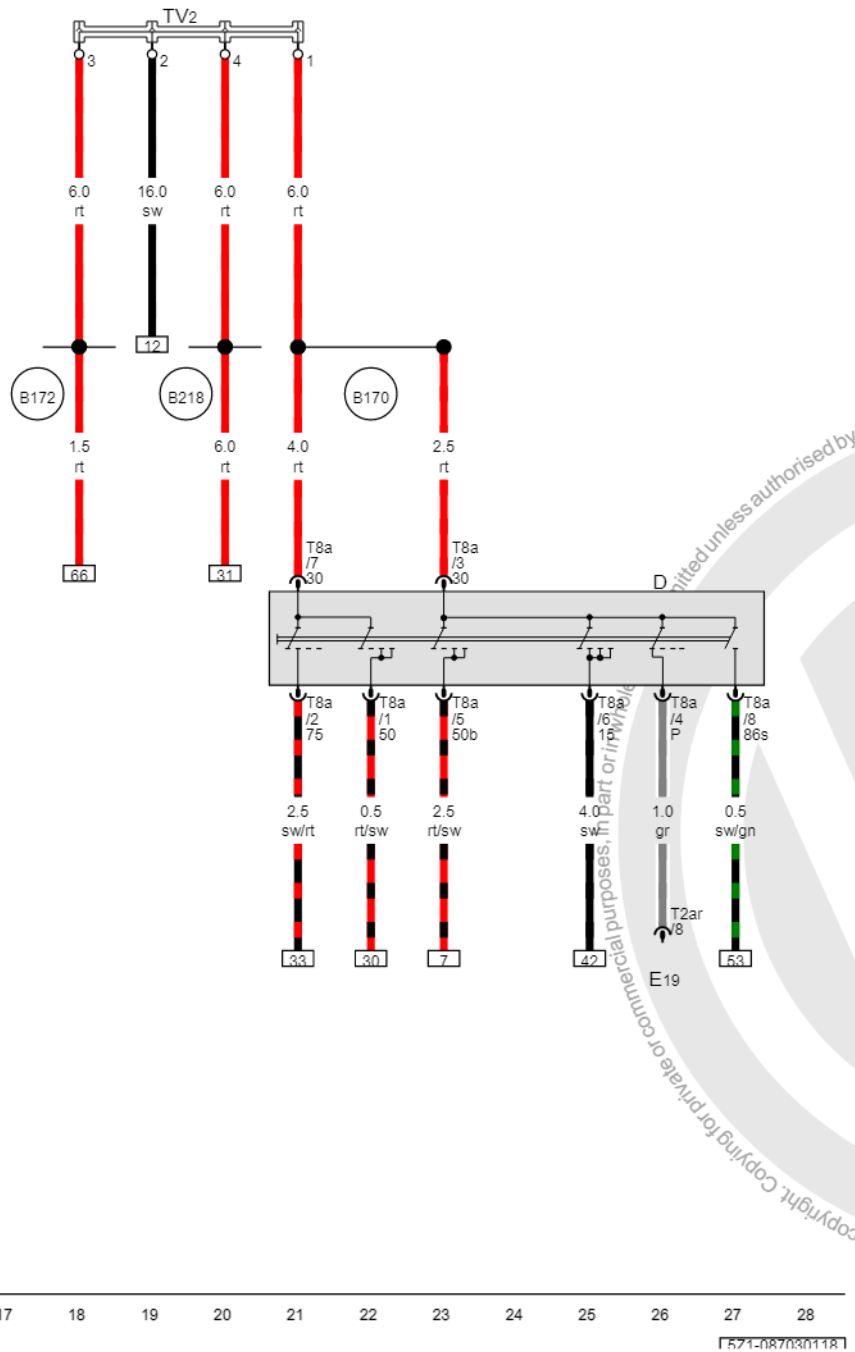
Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J623	Engine/motor control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S177	Fuse 5 (30), in battery fuse holder
T1j	1-pin connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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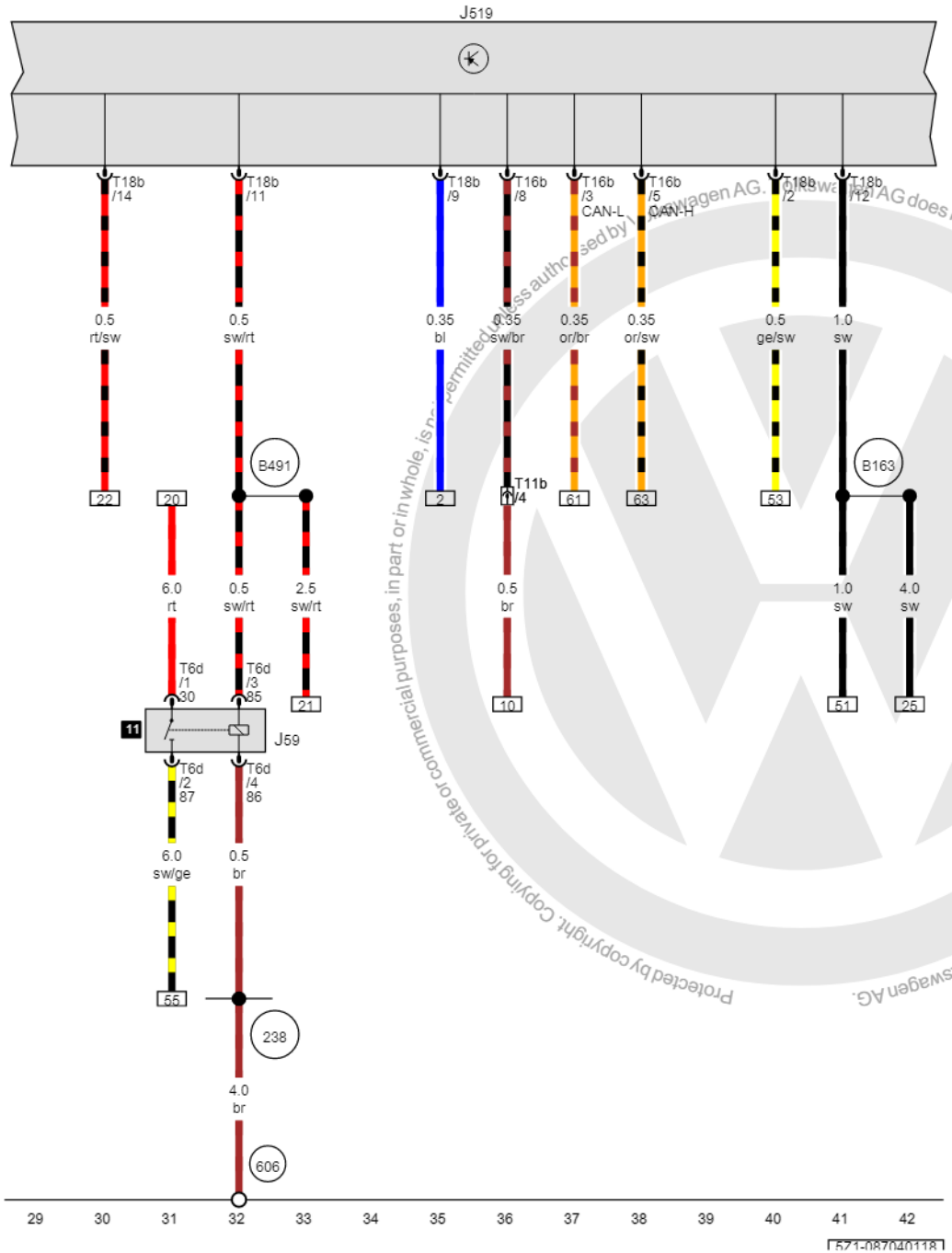
Ignition/starter switch, Terminal 30 wiring junction

D	Ignition/starter switch
E19	Parking light switch
T2ar	2-pin connector
T8a	8-pin connector
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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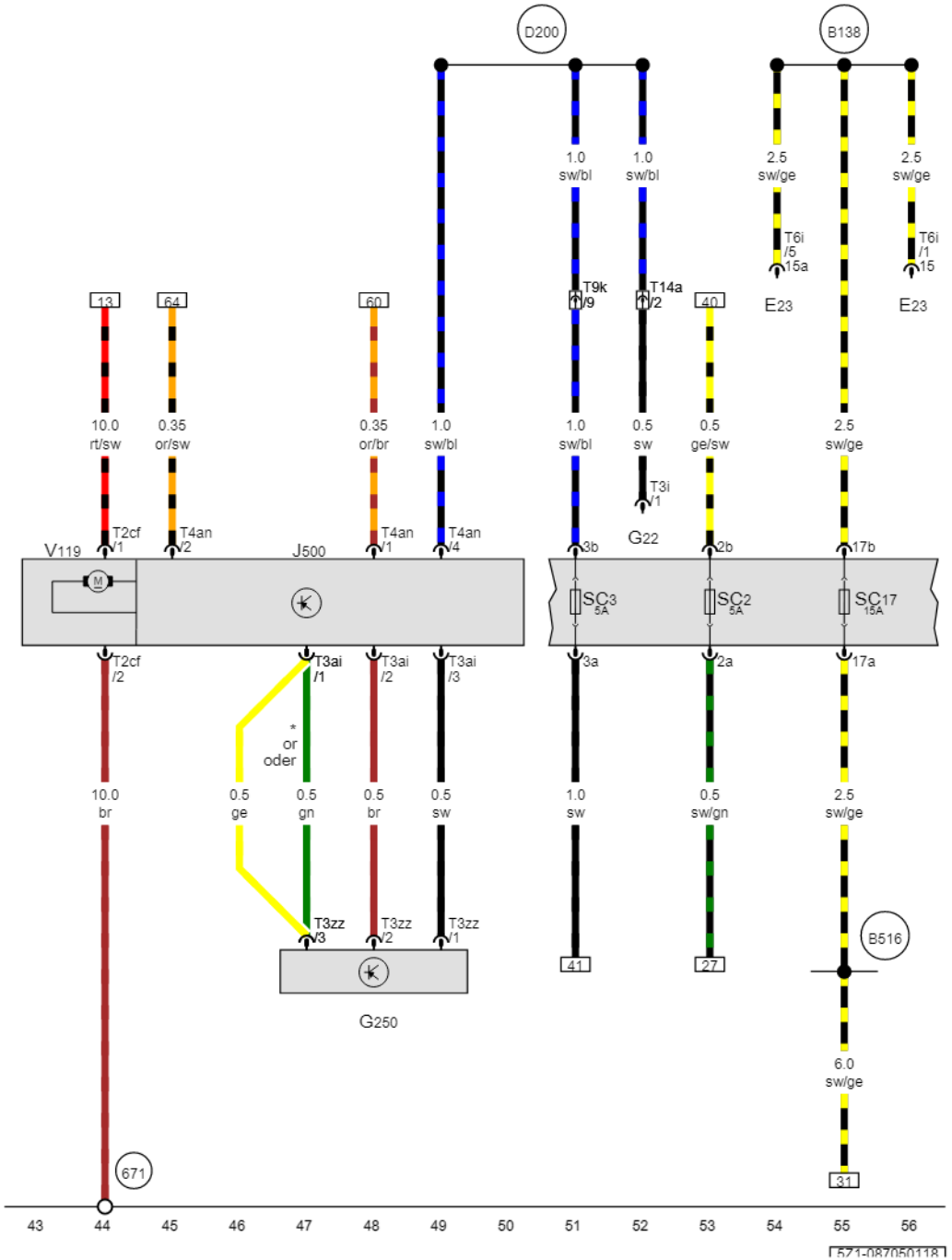


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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

X-contact relief relay, Onboard supply control unit

J59	X-contact relief relay
J519	Onboard supply control unit
T6d	6-pin connector
T11b	11-pin connector, on left in plenum chamber
T16b	16-pin connector
T18b	18-pin connector
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near gear stick
B163	Positive connection 1 (15), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

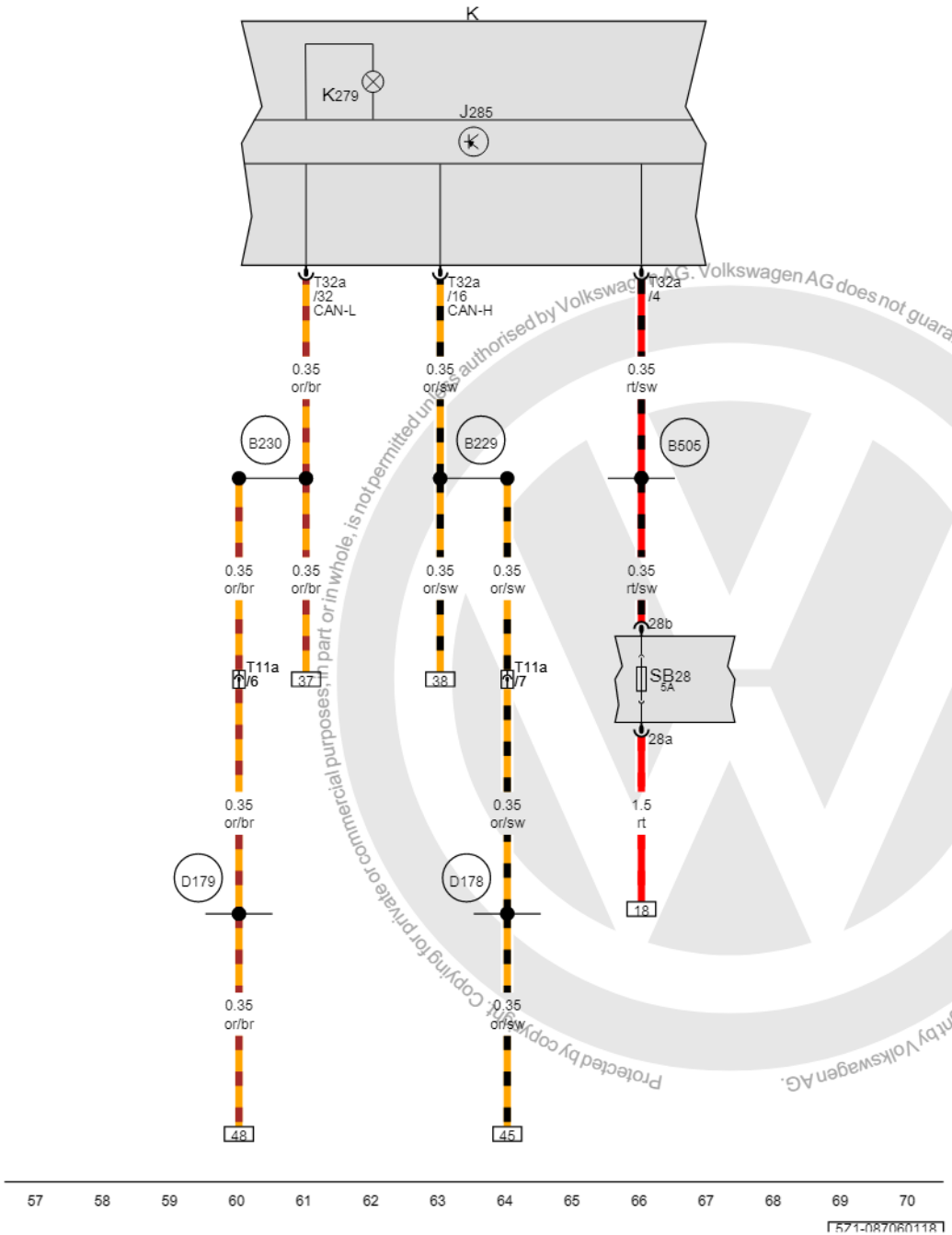


Power steering sensor, Power steering control unit, Steering hydraulics pump

E23	Front and rear fog light switch
G22	Speedometer sender
G250	Power steering sensor
J500	Power steering control unit
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC17	Fuse 17 on fuse holder C
T2cf	2-pin connector
T3ai	3-pin connector
T3i	3-pin connector
T3zz	3-pin connector
T4an	4-pin connector
T6i	6-pin connector
T9k	9-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
V119	Steering hydraulics pump
671	Earth point 1, on front of left longitudinal member
B138	Positive connection (X), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
D200	Positive connection 3 (15a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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sw = black
ro = red
rt = red
br = brown
gn = green
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vi = purple
ge = yellow
or = orange
rs = pink

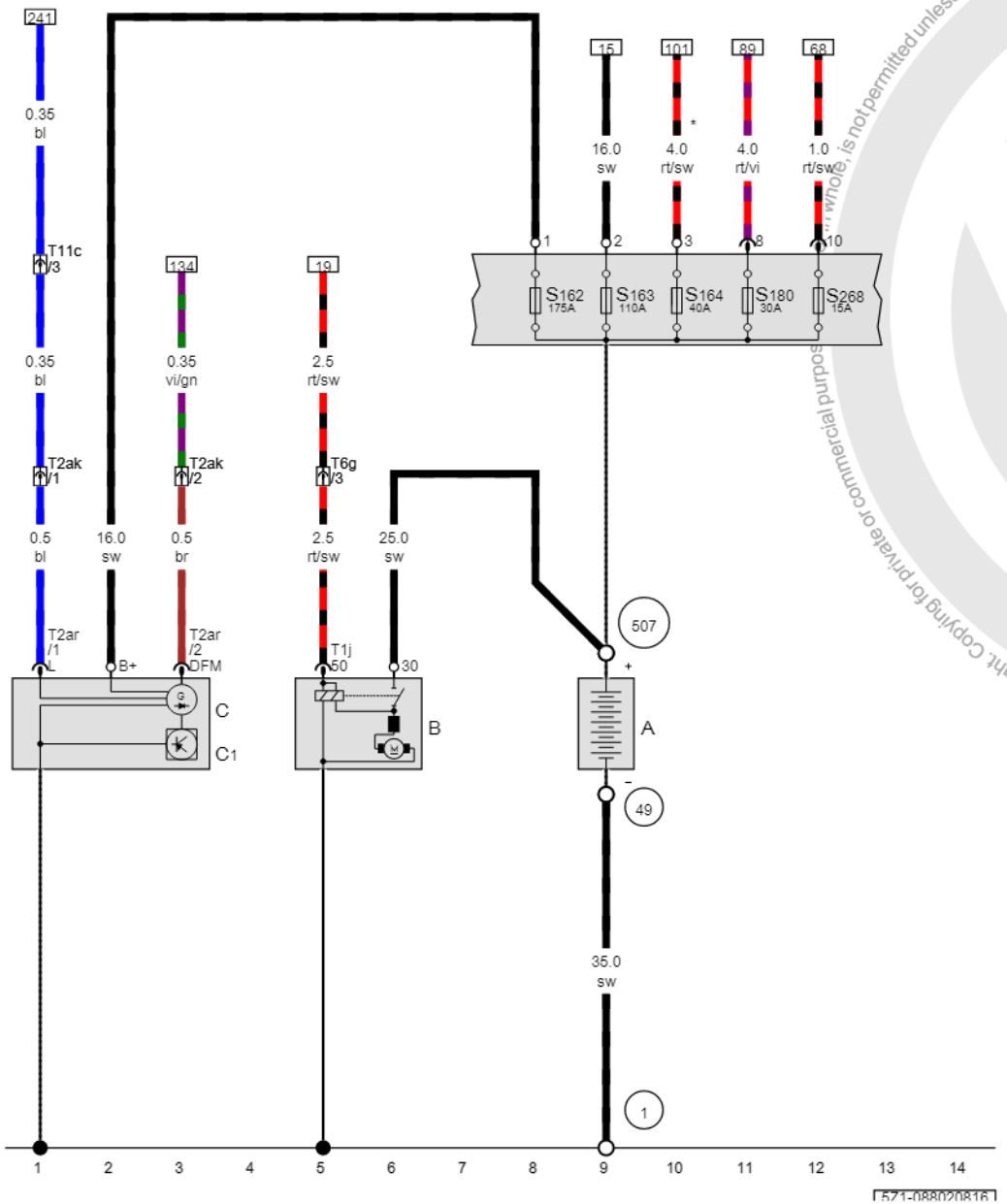
Control unit in dash panel insert, Dash panel insert, Electrohydraulic power steering warning lamp

J285	Control unit in dash panel insert
K	Dash panel insert
K279	Electrohydraulic power steering warning lamp
SB28	Fuse 28 on fuse holder B
T11a	11-pin connector, on left in plenum chamber
T32a	32-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B505	Positive connection 9 (30a), in interior wiring harness
D178	Connection 2 (high bus), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness

1.0l engine , CCNA,(F0A)

From March 2008

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Battery, Starter, Alternator, Voltage regulator

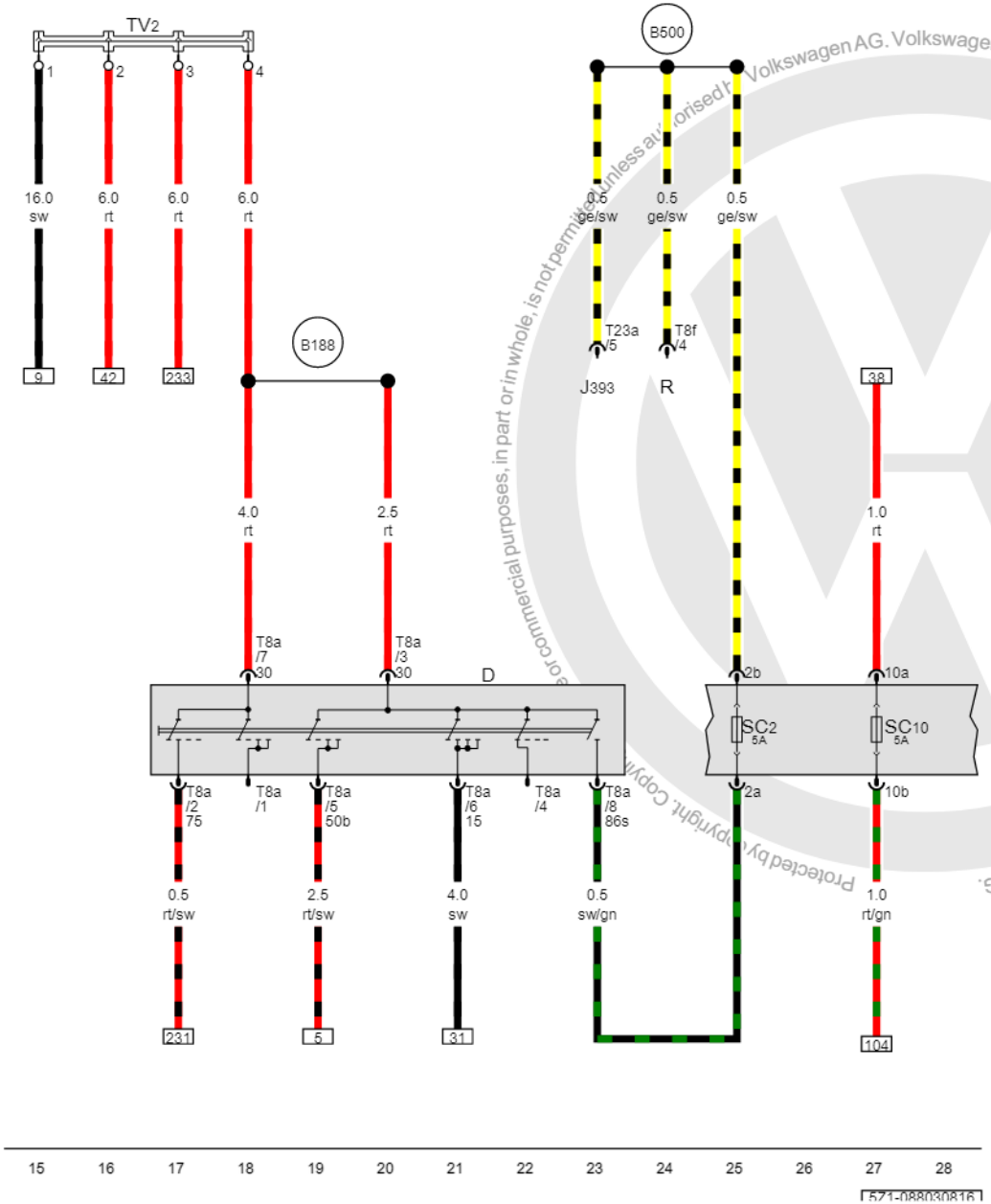
A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S164	Fuse 3 (30), in battery fuse holder
S180	Fuse 8 (30), in battery fuse holder
S268	Fuse 10 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder
*	Only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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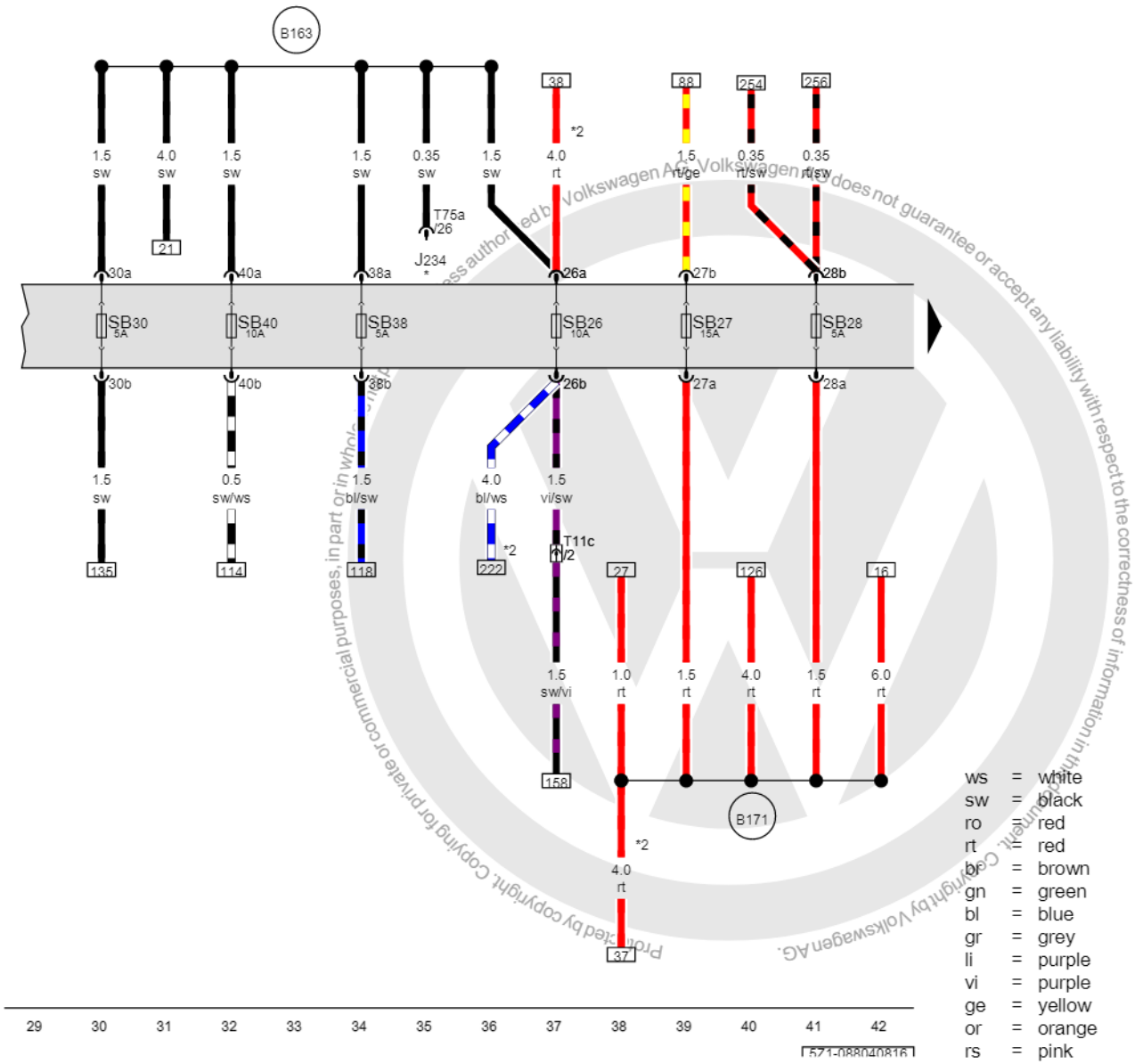
Ignition/starter switch, Terminal 30 wiring junction

D	Ignition/starter switch
J393	Convenience system central control unit
R	Radio
SC2	Fuse 2 on fuse holder C
SC10	Fuse 10 on fuse holder C
T8a	8-pin connector
T8f	8-pin connector
T23a	23-pin connector
TV2	Terminal 30 wiring junction
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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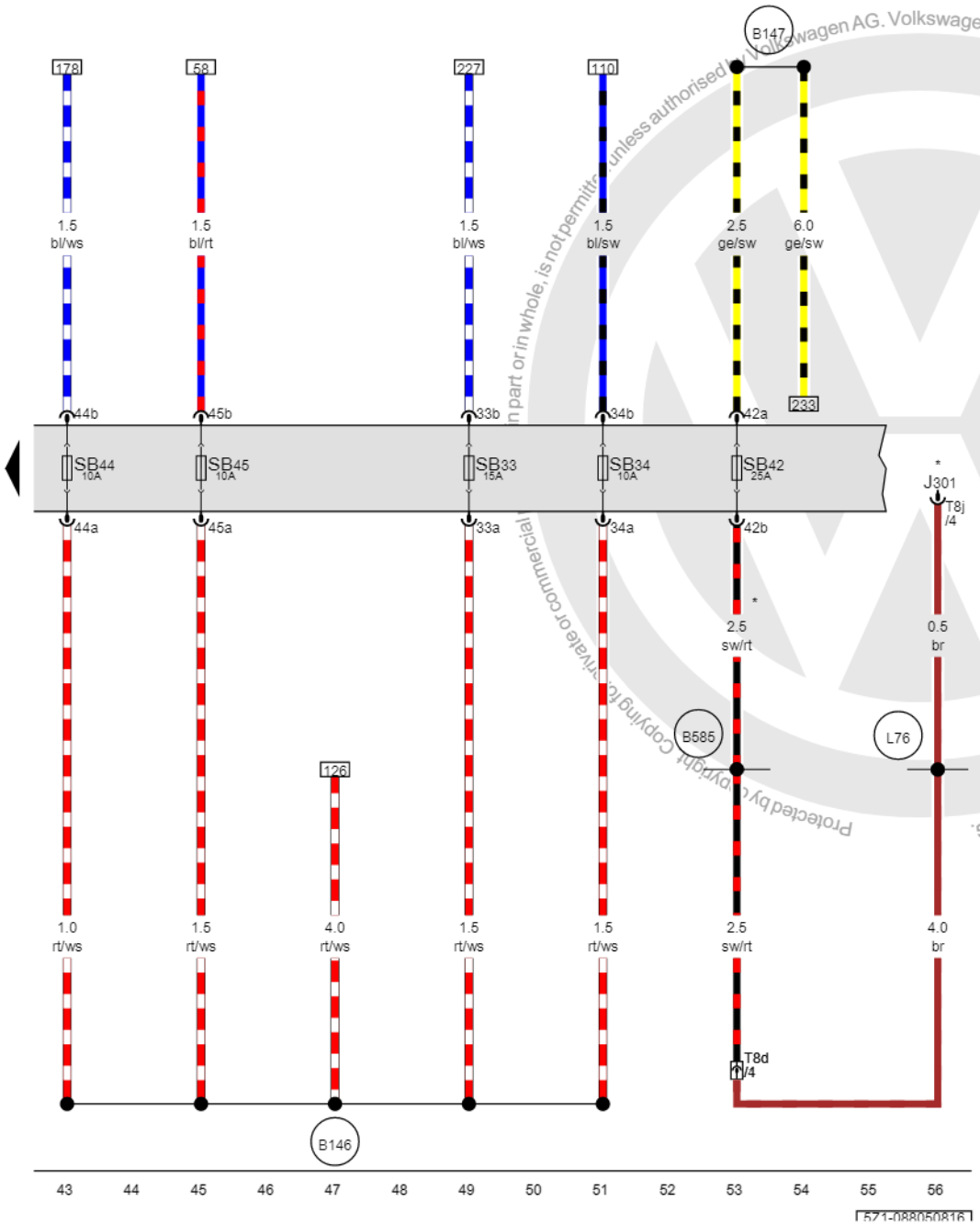


Fuse 26 on fuse holder B, Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 30 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B

J234	Airbag control unit
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
T11c	11-pin connector, on left in plenum chamber
T75a	75-pin connector
B163	Positive connection 1 (15), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness
*	Only models with airbag
*2	From August 2009

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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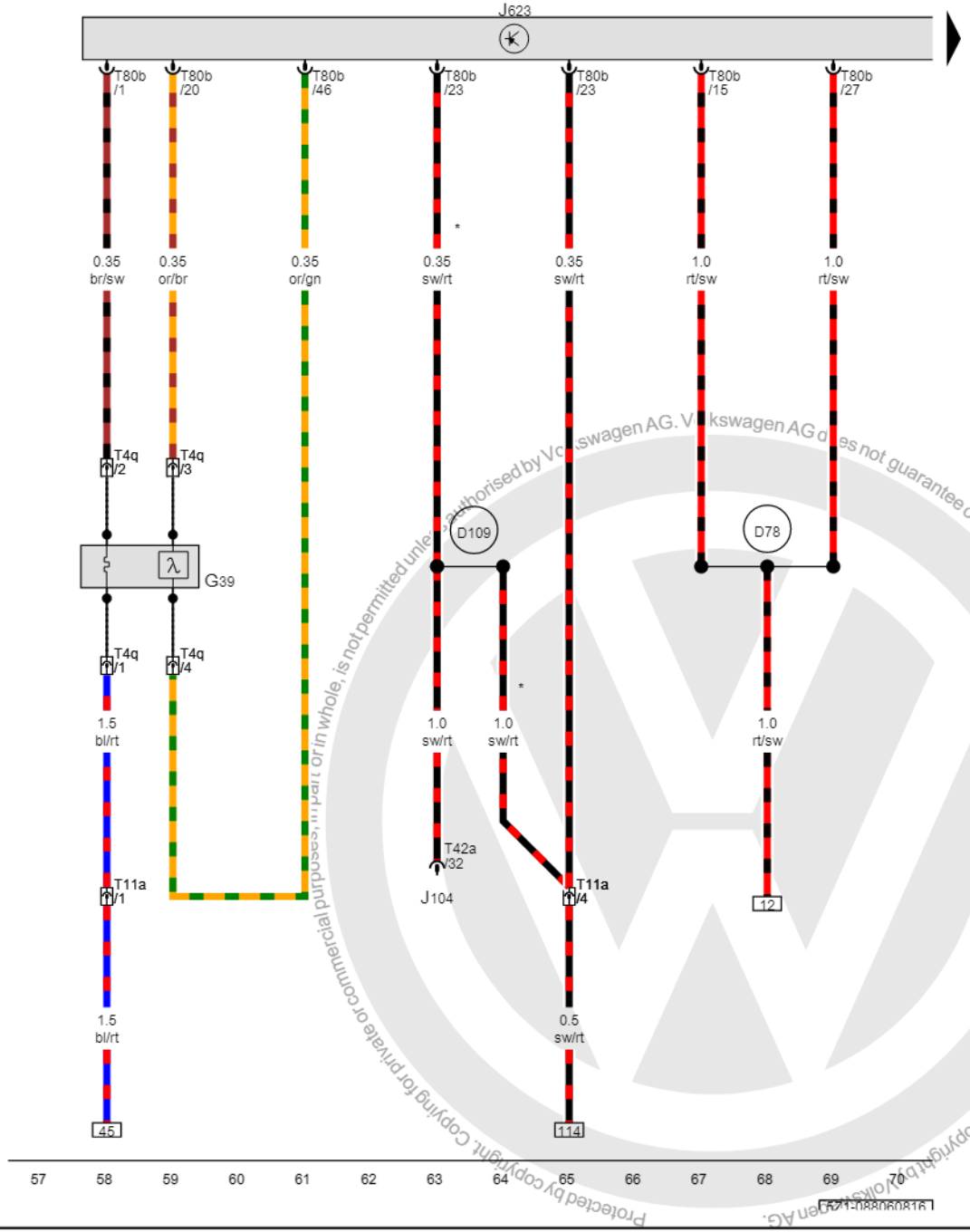


Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 42 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

J301	Air conditioning system control unit
SB33	Fuse 33 on fuse holder B
SB34	Fuse 34 on fuse holder B
SB42	Fuse 42 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
T8d	8-pin connector, behind dash panel, centre
T8j	8-pin connector
B146	Positive connection 1 (87), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness
B585	Positive connection 2 (87a), in interior wiring harness
L76	Connection (87), in air conditioning system wiring harness
*	Only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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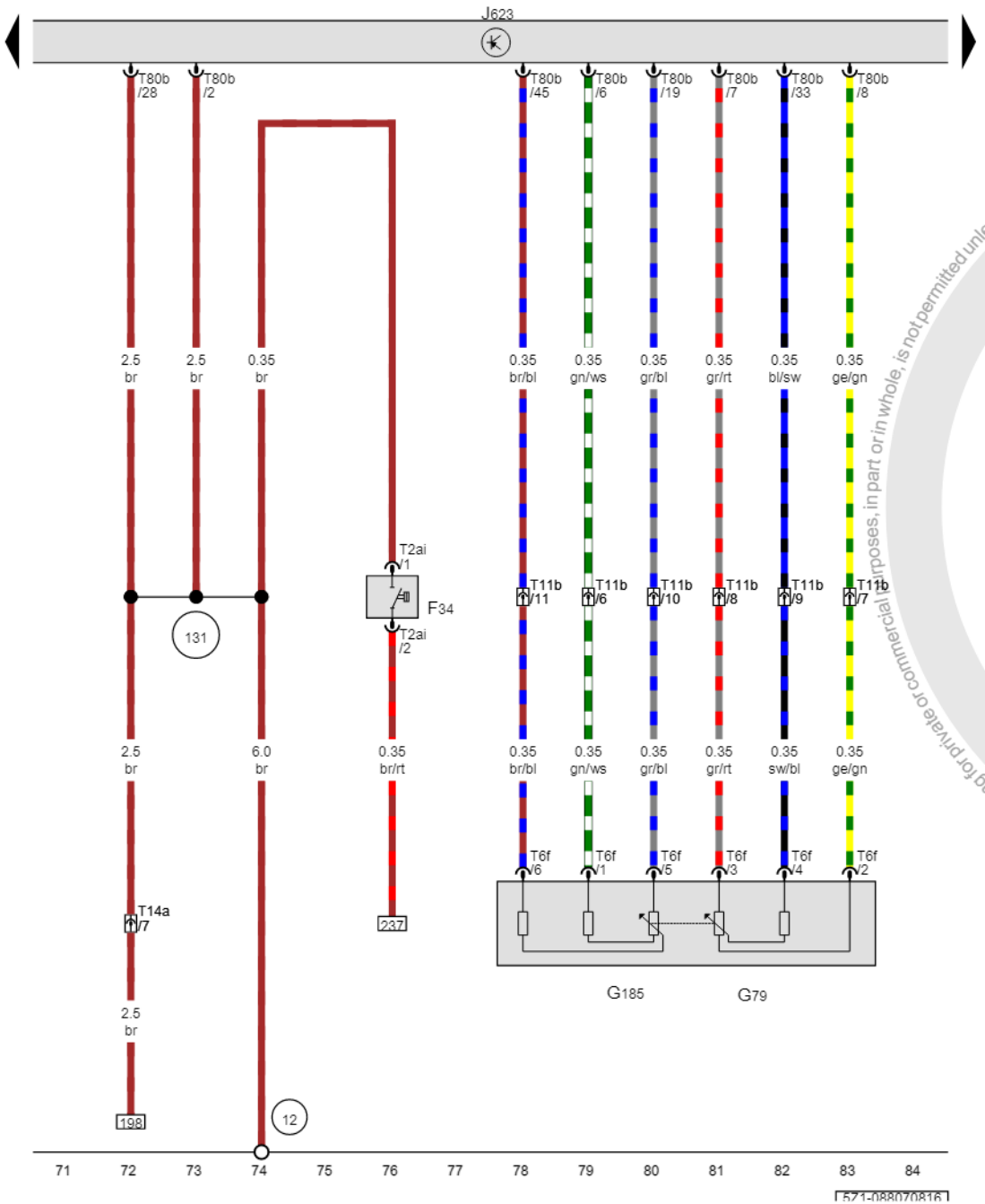


Lambda probe, Engine control unit

G39	Lambda probe
J104	ABS control unit
J623	Engine control unit
T4q	4-pin connector
T11a	11-pin connector, on left in plenum chamber
T42a	42-pin connector
T80b	80-pin connector
D78	Positive connection 1 (30a), in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
*	Only models with ABS

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
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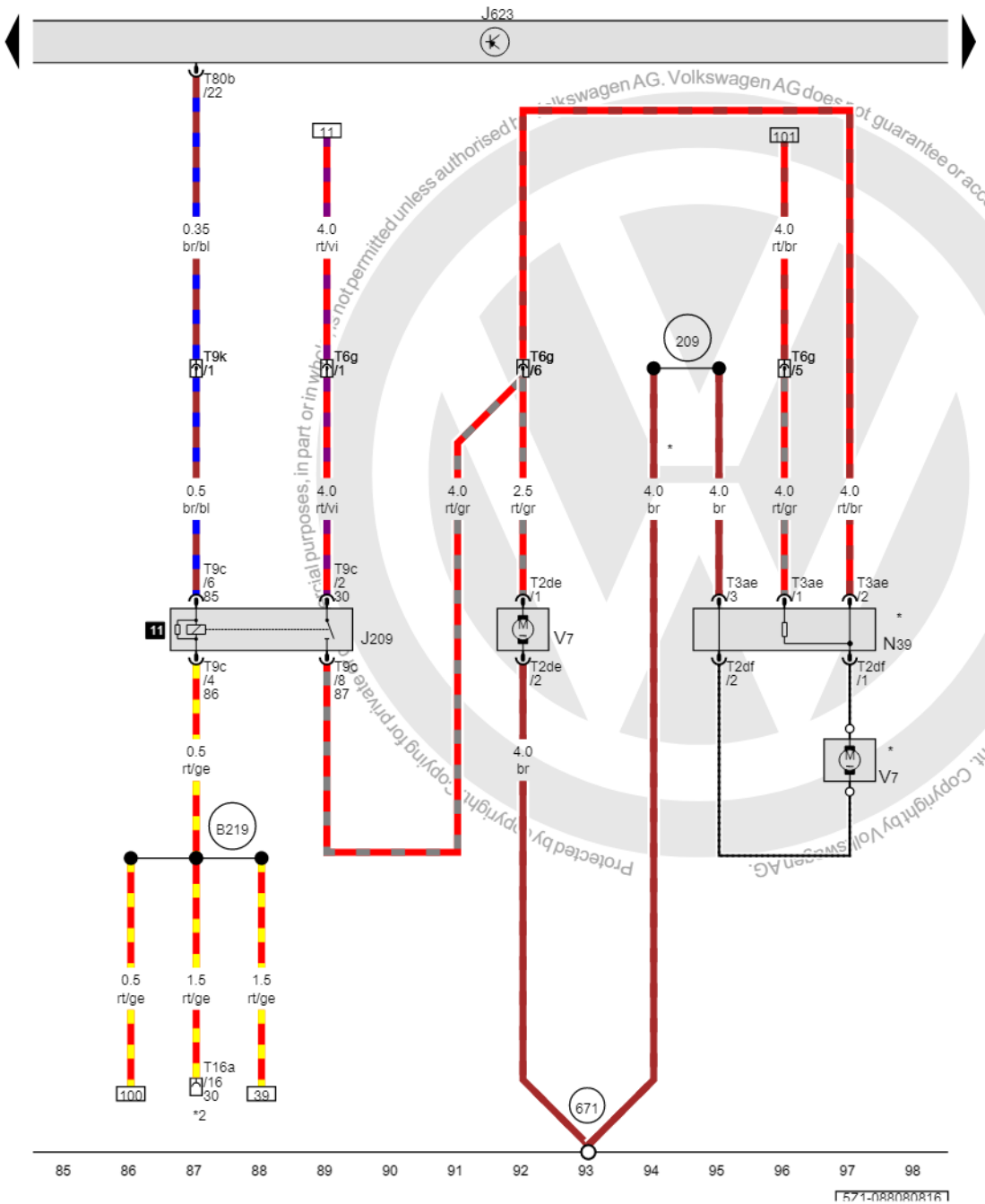


Brake fluid level warning contact, Accelerator position sender, Accelerator position sender 2, Engine control unit

F34	Brake fluid level warning contact
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T2ai	2-pin connector
T6f	6-pin connector
T11b	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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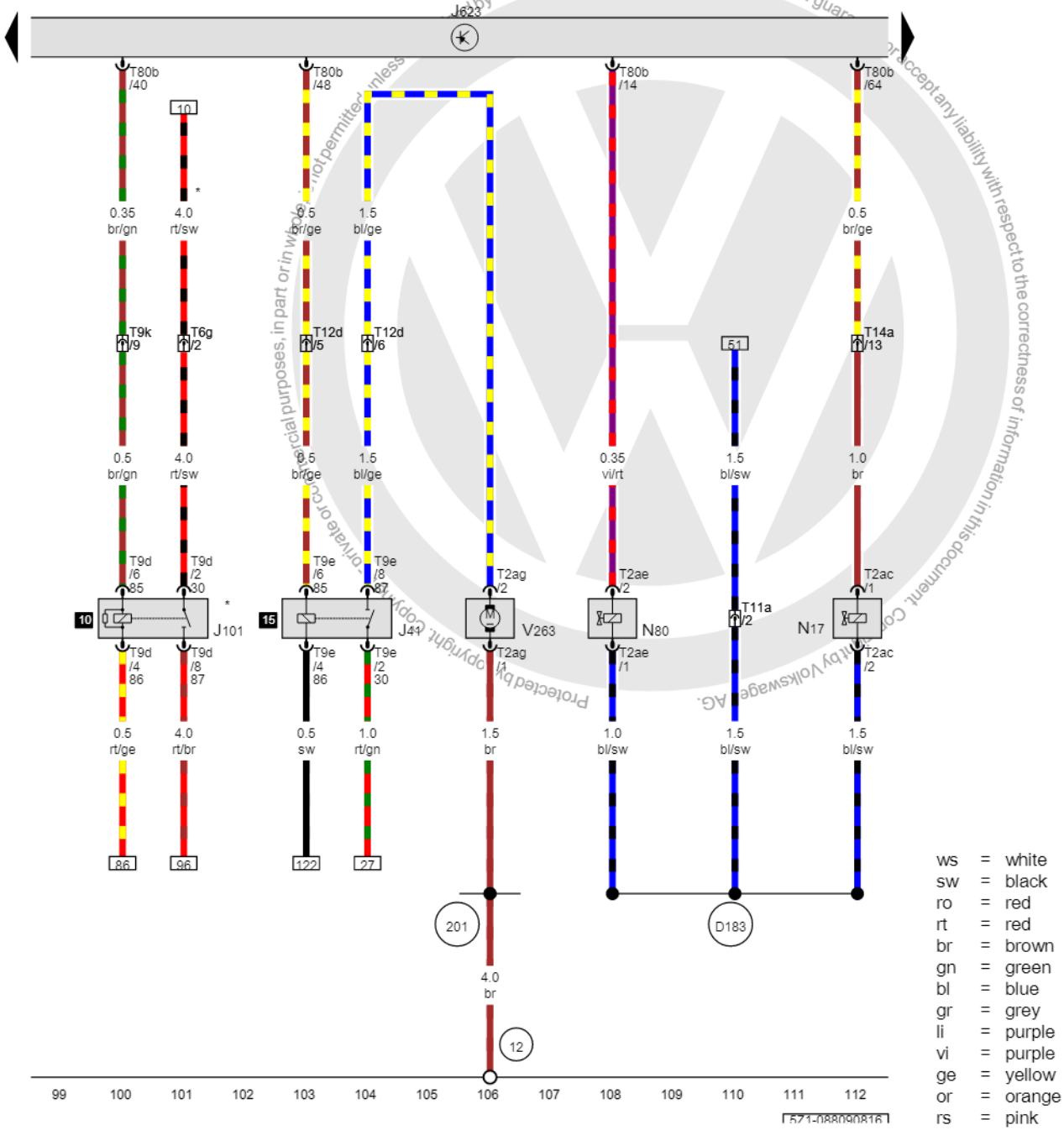


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fresh air blower and radiator fan relay, Engine control unit, Radiator fan series resistor, Radiator fan

J209	Fresh air blower and radiator fan relay
J623	Engine control unit
N39	Radiator fan series resistor
T2de	2-pin connector
T2df	2-pin connector
T3ae	3-pin connector
T6g	6-pin connector, on left in plenum chamber
T9c	9-pin connector
T9k	9-pin connector, on left in plenum chamber
T16a	16-pin connector
T80b	80-pin connector
V7	Radiator fan
209	Earth connection 6, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
B219	Positive connection 4 (30a), in interior wiring harness
*	Only models with air conditioning system
*2	Diagnostic connection

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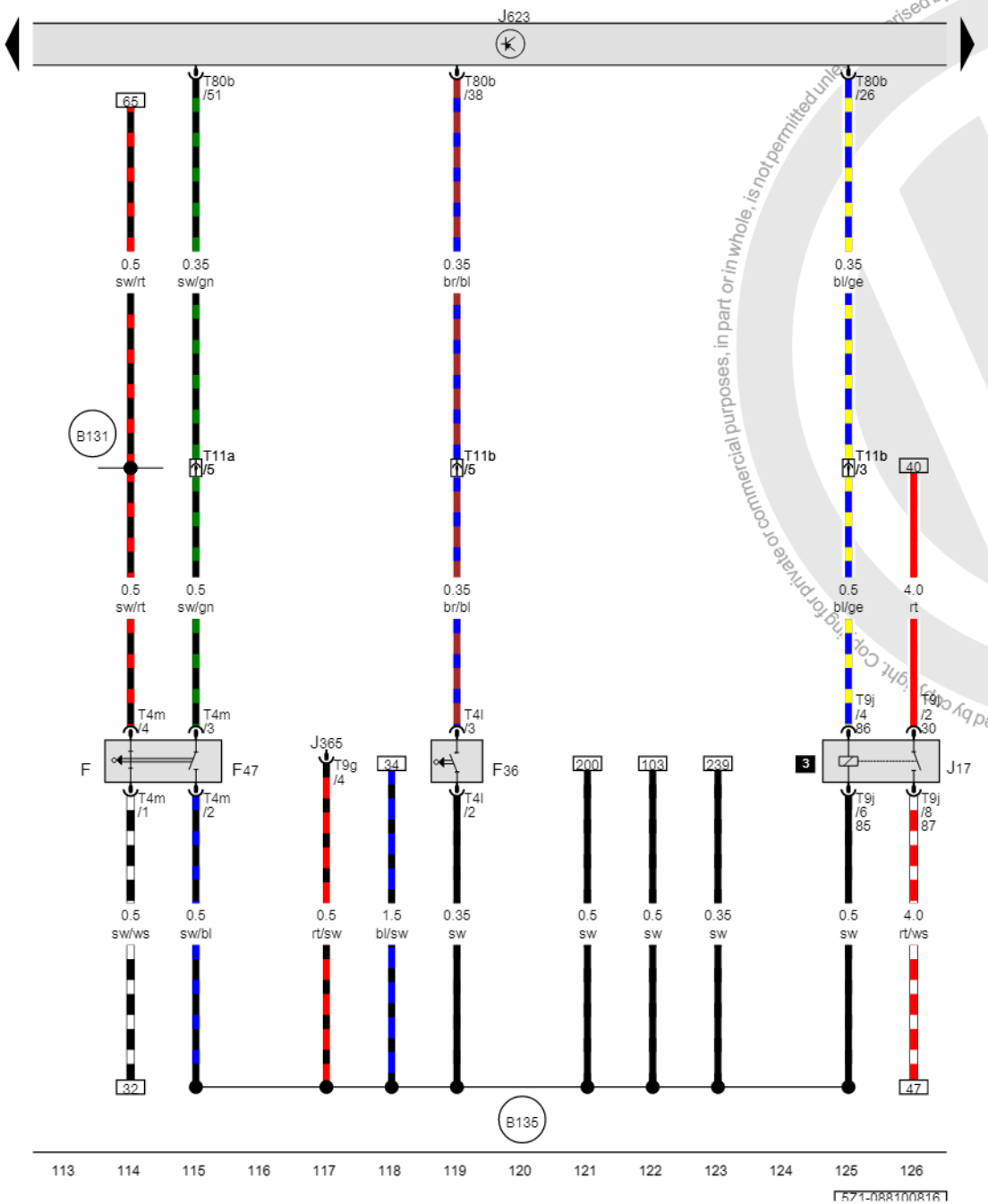
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Cold start device relay, Radiator fan 2nd speed relay, Engine control unit, Cold start valve, Activated charcoal filter solenoid valve 1, Fuel pump for cold start

J41	Cold start device relay
J101	Radiator fan 2nd speed relay
J623	Engine control unit
N17	Cold start valve
N80	Activated charcoal filter solenoid valve 1
T2ac	2-pin connector
T2ae	2-pin connector
T2ag	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T9d	9-pin connector
T9e	9-pin connector
T9k	9-pin connector, on left in plenum chamber
T11a	11-pin connector, on left in plenum chamber
T12d	12-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector
V263	Fuel pump for cold start
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
*	Only models with air conditioning system

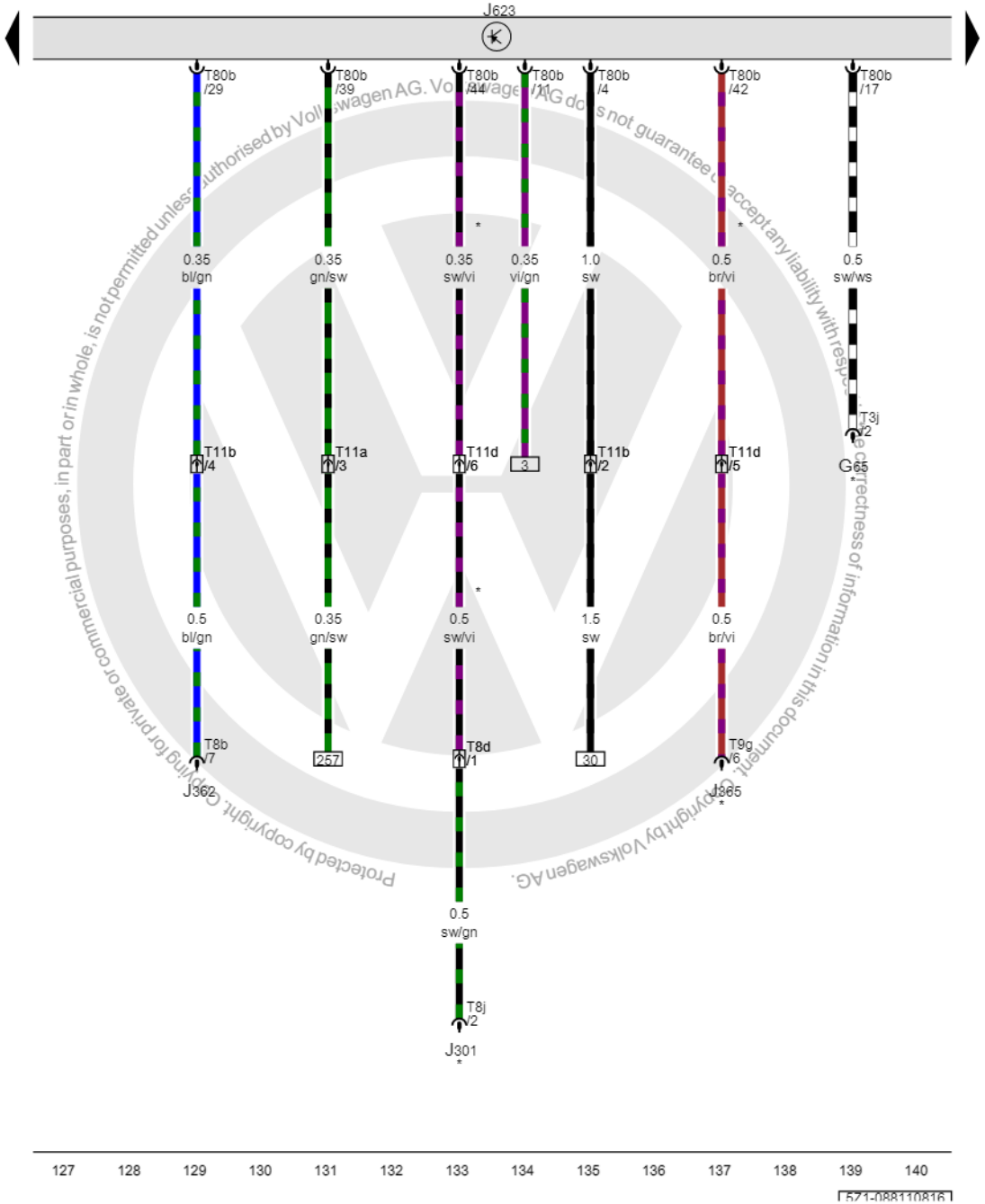
Brake light switch, Clutch pedal switch, Brake pedal switch, Fuel pump relay, Engine control unit

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J17	Fuel pump relay
J365	Air conditioning system switch-off relay
J623	Engine control unit
T4l	4-pin connector
T4m	4-pin connector
T9g	9-pin connector
T9j	9-pin connector
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T80b	80-pin connector
B131	Connection (54), in interior wiring harness
B135	Connection 1 (15a), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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or	=	orange
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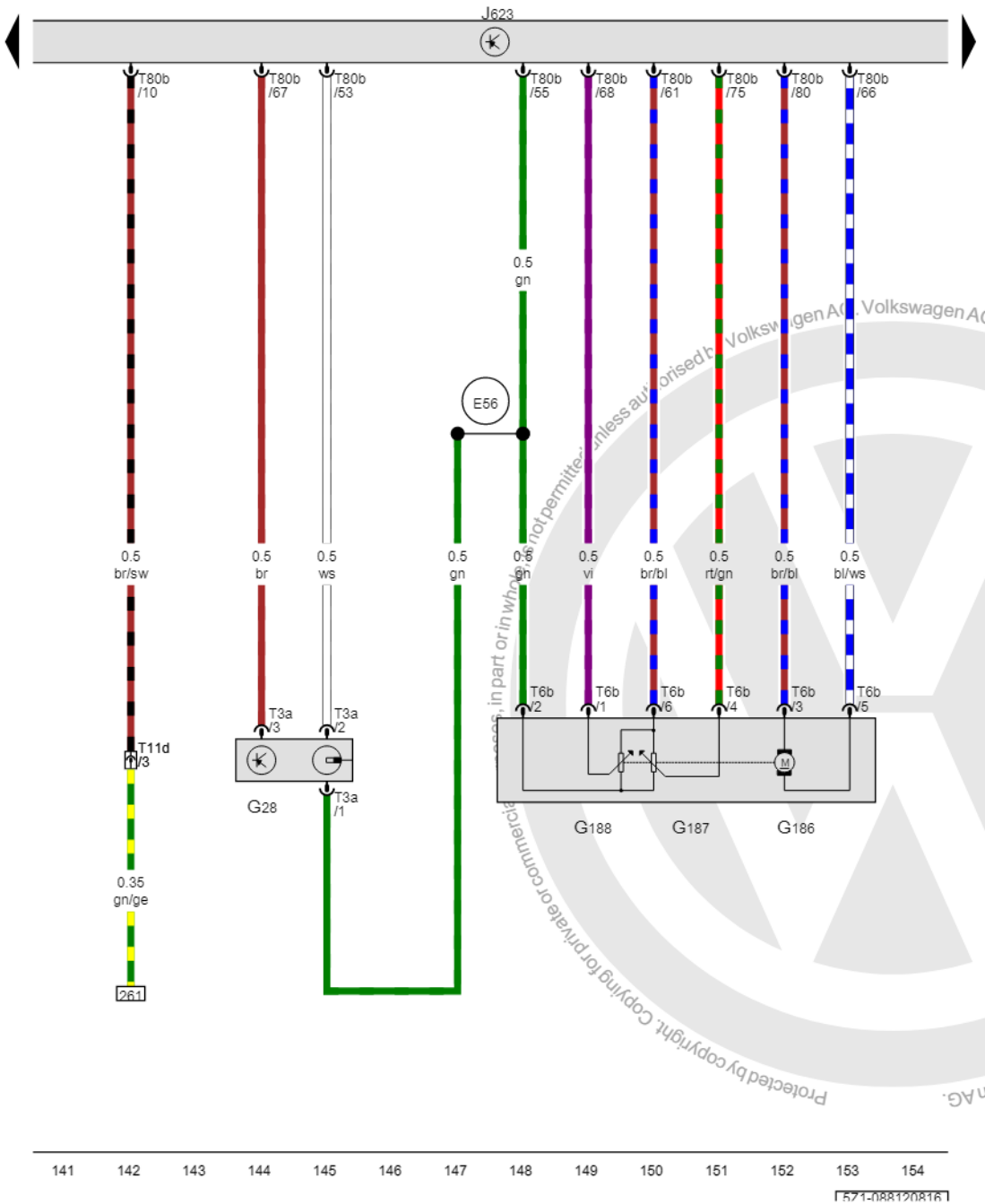


Engine control unit

G65	High-pressure sender
J301	Air conditioning system control unit
J362	Immobiliser control unit
J365	Air conditioning system switch-off relay
J623	Engine control unit
T3j	3-pin connector
T8b	8-pin connector
T8d	8-pin connector, behind dash panel, centre
T8j	8-pin connector
T9g	9-pin connector
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11d	11-pin connector, on left in engine compartment
T80b	80-pin connector
*	Only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit

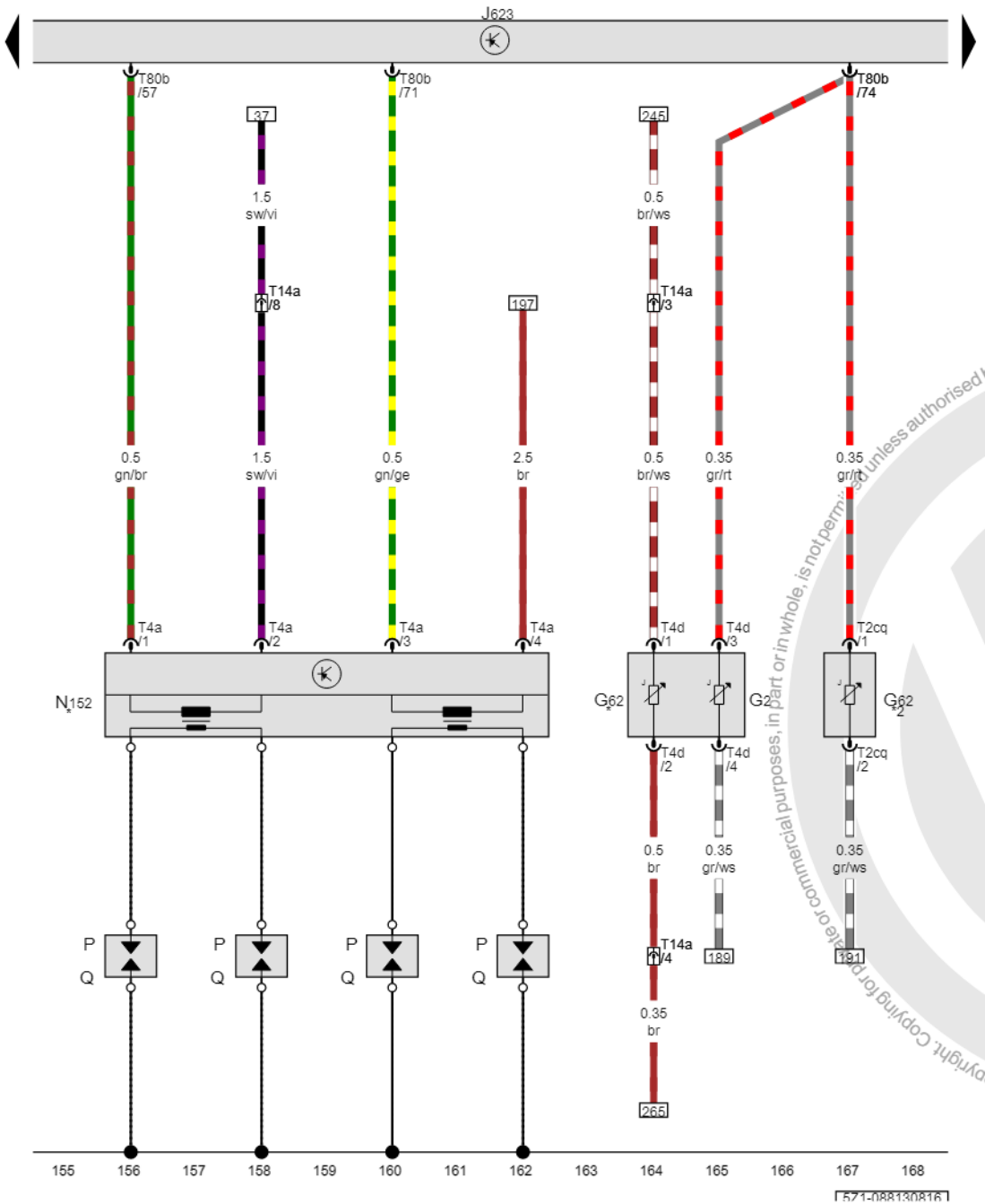
G28	Engine speed sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J623	Engine control unit
T3a	3-pin connector
T6b	6-pin connector
T11d	11-pin connector, on left in engine compartment
T80b	80-pin connector
E56	Connection 1, in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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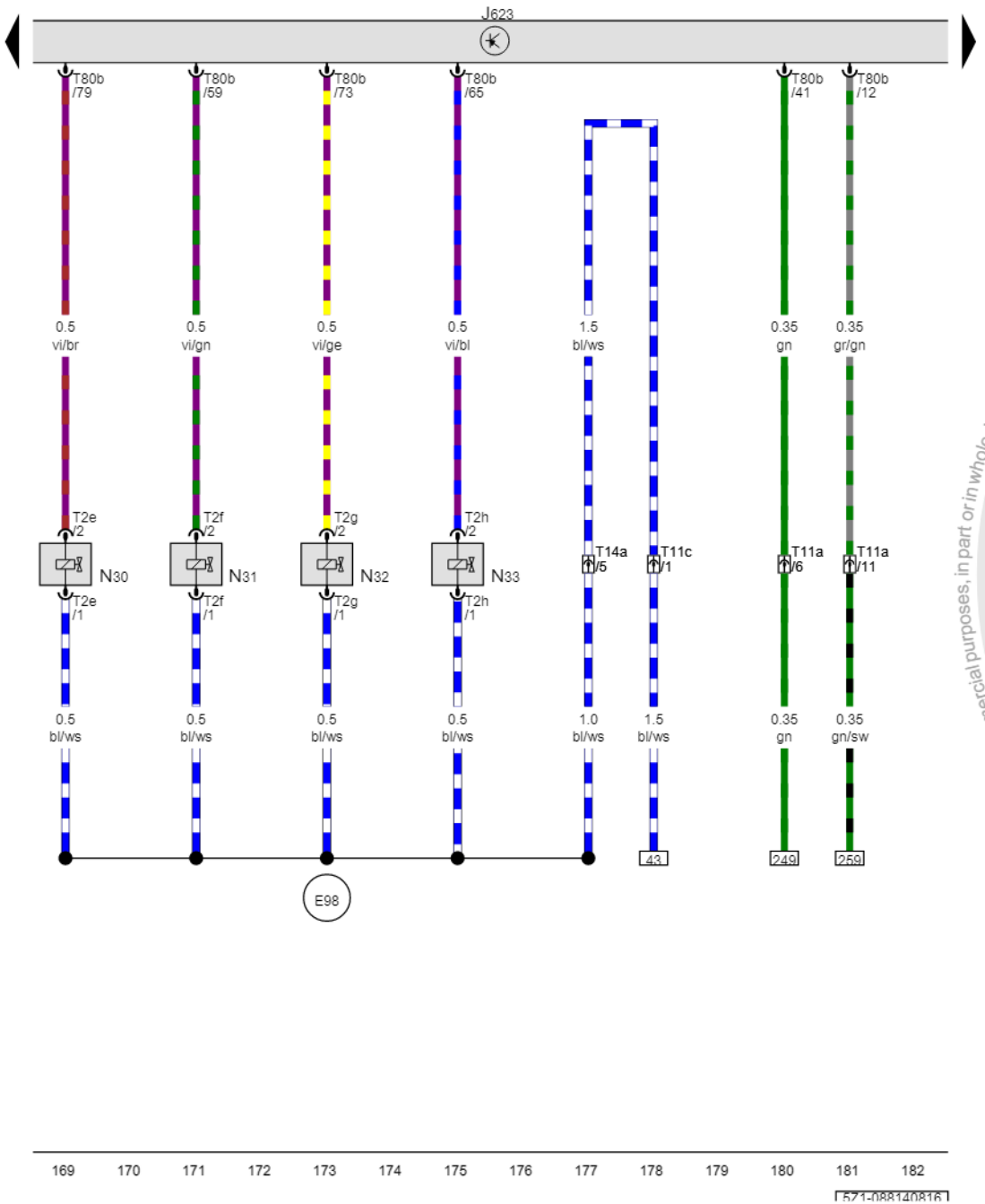
Coolant temperature display sender, Coolant temperature sender, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs

G2	Coolant temperature display sender
G62	Coolant temperature sender
J623	Engine control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plugs
T2cq	2-pin connector
T4a	4-pin connector
T4d	4-pin connector
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector
*1	Up to June 2009
*2	From June 2009



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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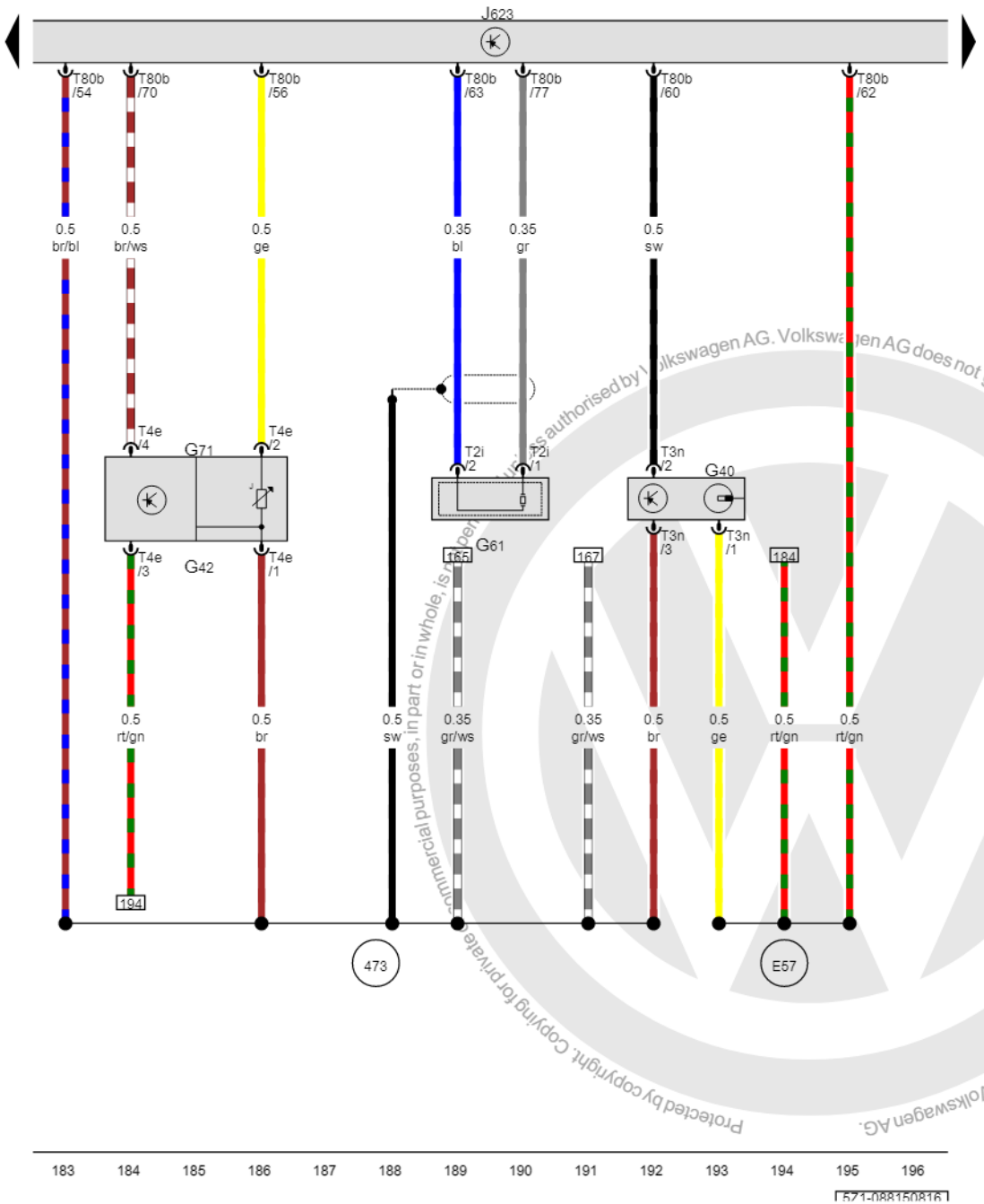


Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2e	2-pin connector
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T11a	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector
E98	Connection 3 (87a) in injection system wiring harness

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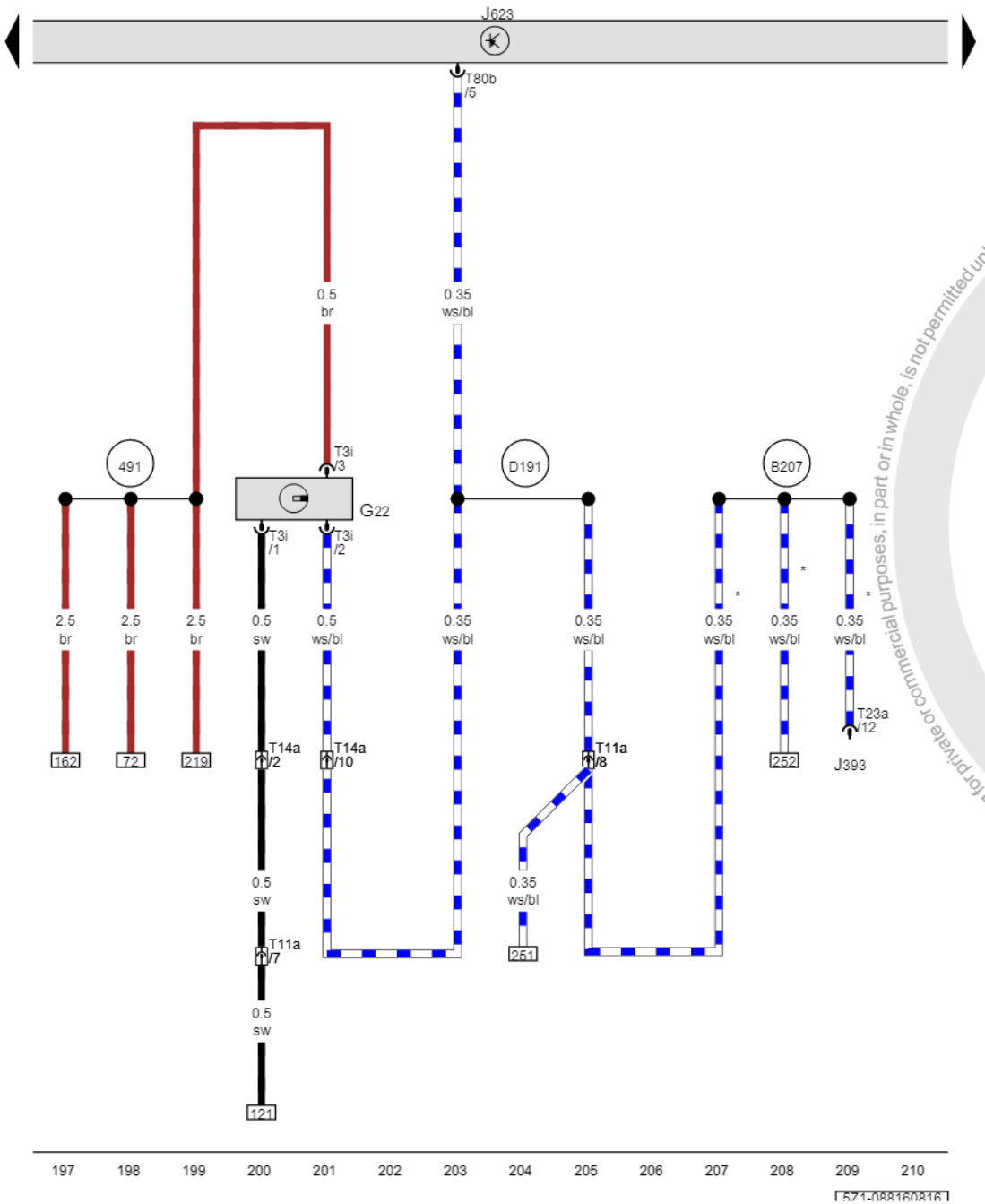


Hall sender, Intake air temperature sender, Knock sensor 1, Intake manifold pressure sender, Engine control unit

G40	Hall sender
G42	Intake air temperature sender
G61	Knock sensor 1
G71	Intake manifold pressure sender
J623	Engine control unit
T2i	2-pin connector
T3n	3-pin connector
T4e	4-pin connector
T80b	80-pin connector
473	Earth connection 5, in injection system wiring harness
E57	Connection 2, in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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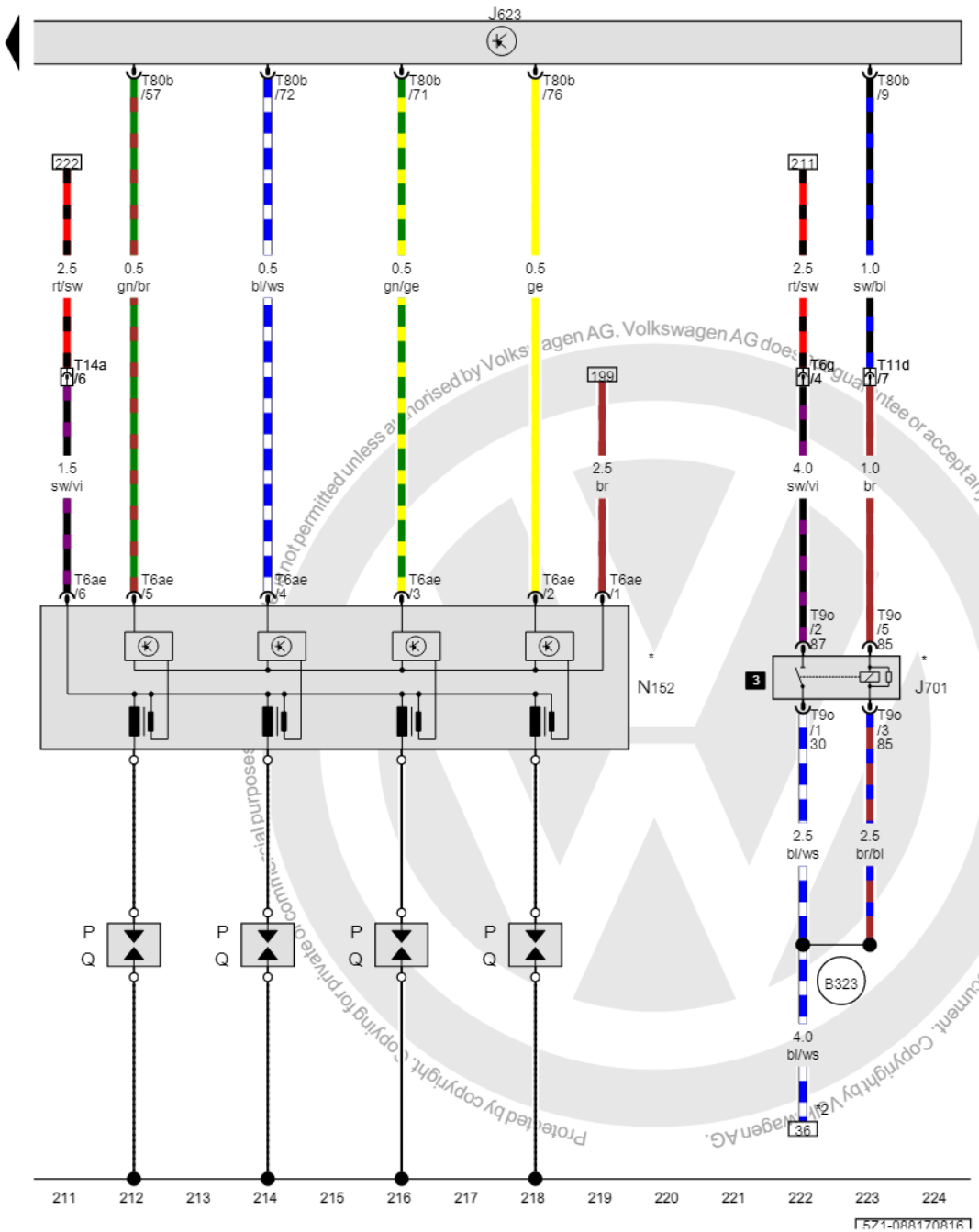


Speedometer sender, Engine control unit

G22	Speedometer sender
J393	Convenience system central control unit
J623	Engine control unit
T3i	3-pin connector
T11a	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T23a	23-pin connector
T80b	80-pin connector
491	Earth connection 6, in injection system wiring harness
B207	Connection (convenience), in interior wiring harness
D191	Speed sender connection, in engine compartment wiring harness
*	For models with convenience system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Engine control unit, Voltage supply relay 1, Ignition transformer, Spark plug connector, Spark plugs

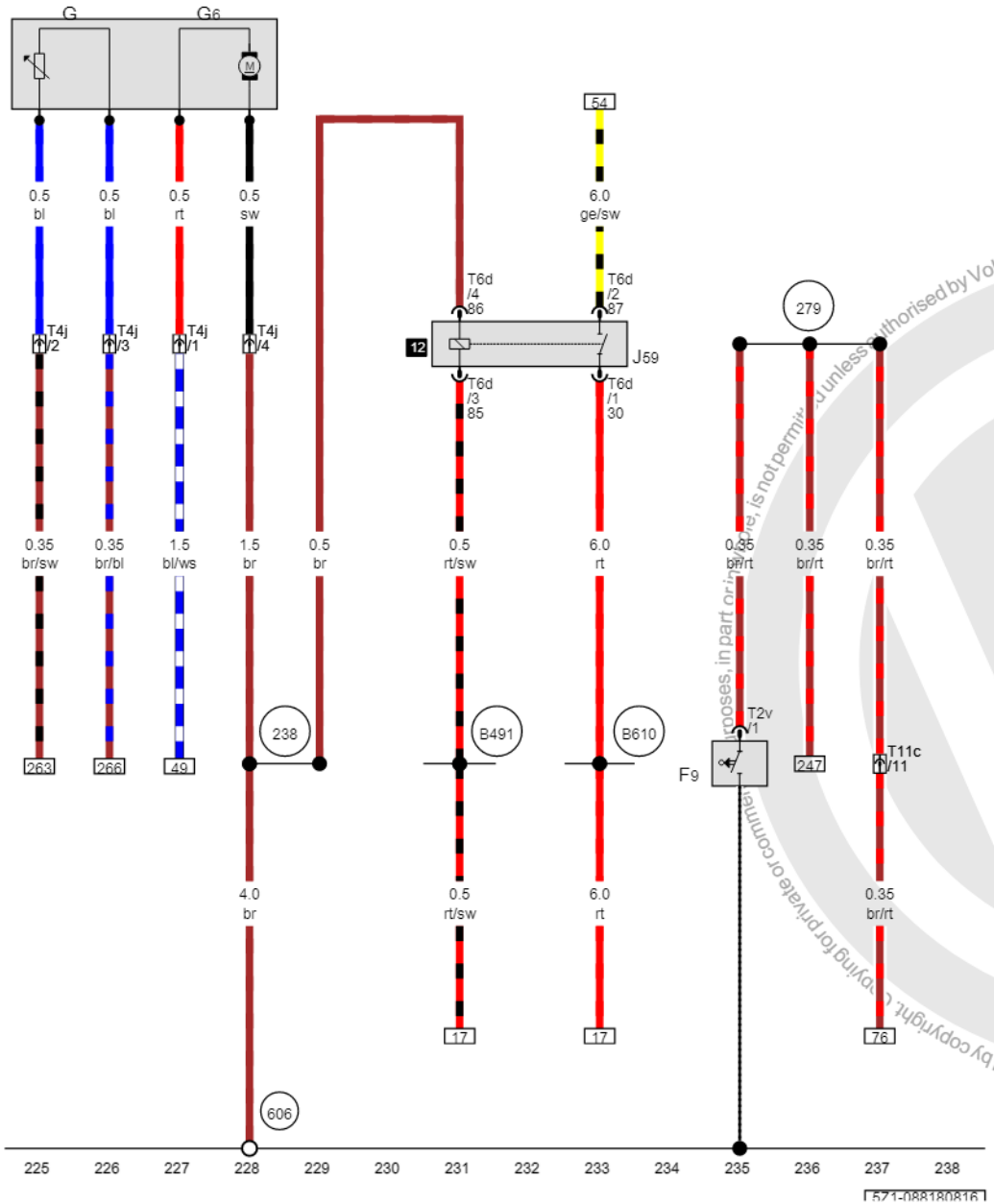
J623	Engine control unit
J701	Voltage supply relay 1
N152	Ignition transformer
P	Spark plug connector
Q	Spark plugs
T6ae	6-pin connector
T6g	6-pin connector, on left in plenum chamber
T9o	9-pin connector
T11d	11-pin connector, on left in engine compartment
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector
B323	Positive connection 9 (30a) in main wiring harness
*	From June 2009
*2	From August 2009

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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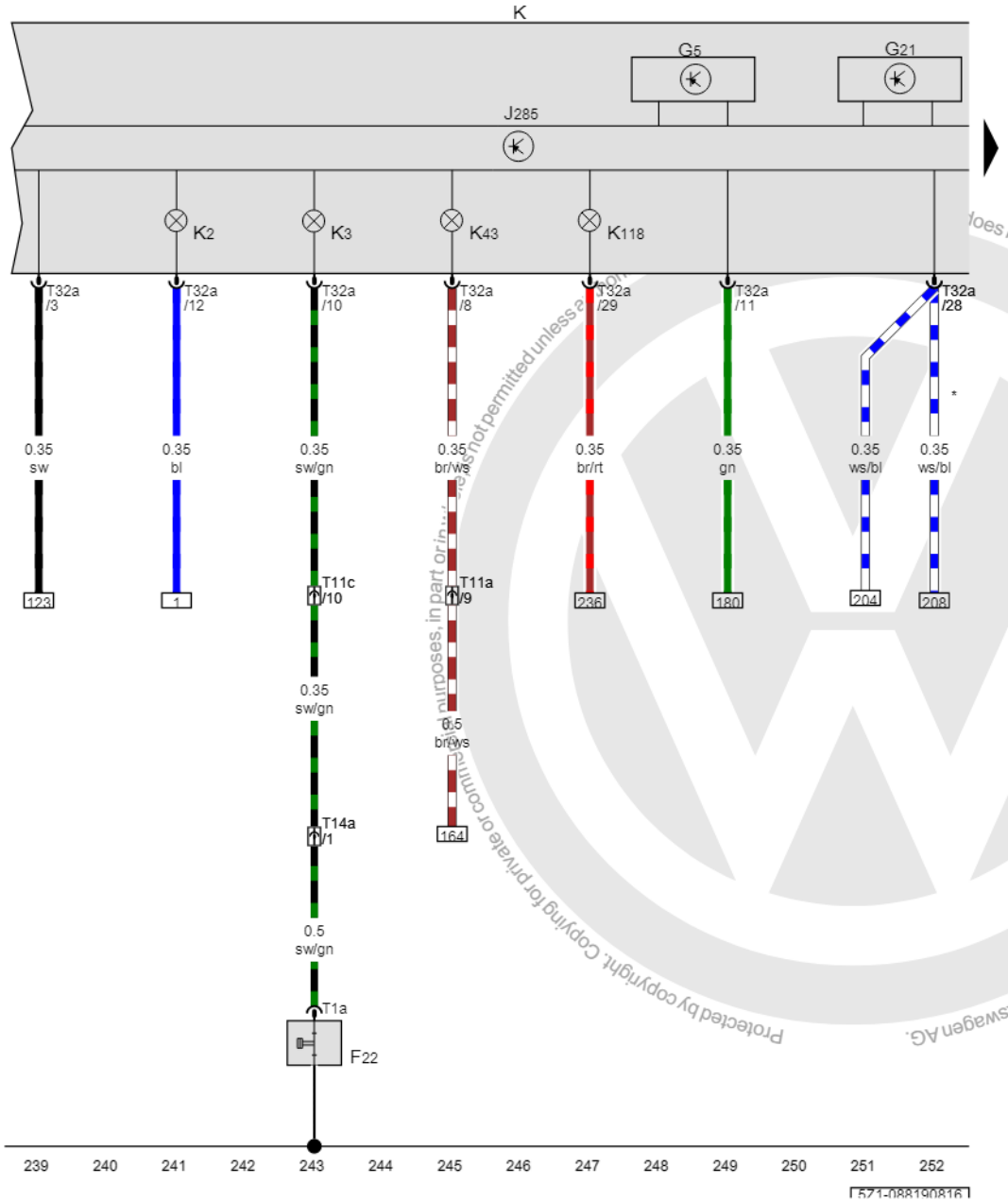
Handbrake warning switch, Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

F9	Handbrake warning switch
G	Fuel gauge sender
G6	Fuel system pressurisation pump
J59	X-contact relief relay
T2v	2-pin connector
T4j	4-pin connector
T6d	6-pin connector
T11c	11-pin connector, on left in plenum chamber
238	Earth connection 1, in interior wiring harness
279	Earth connection 5, in interior wiring harness
606	Earth point, under the centre console near gear stick
B491	Positive connection (75), in interior wiring harness
B610	Connection 6, in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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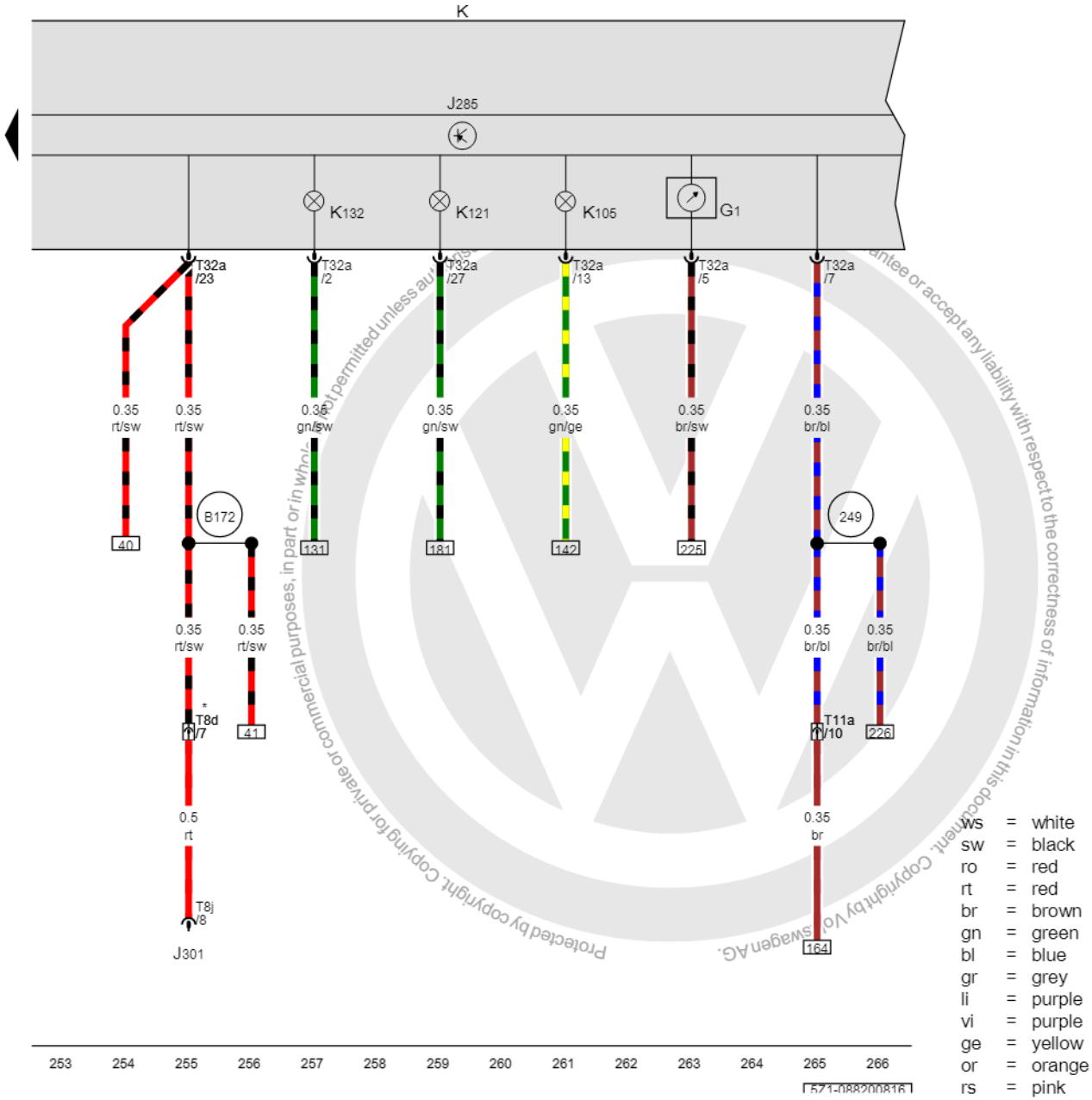
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Oil pressure switch, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Coolant temperature warning lamp (too cold), Brake system warning lamp

F22	Oil pressure switch
G5	Rev. counter
G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K43	Coolant temperature warning lamp (too cold)
K118	Brake system warning lamp
T1a	Single connector
T11a	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T32a	32-pin connector
*	For models with convenience system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Fuel gauge, Control unit in dash panel insert, Dash panel insert, Reserve fuel warning lamp, Malfunction warning lamp, Electronic power control fault lamp



G1	Fuel gauge
J285	Control unit in dash panel insert
J301	Air conditioning system control unit
K	Dash panel insert
K105	Reserve fuel warning lamp
K121	Malfunction warning lamp
K132	Electronic power control fault lamp
T8d	8-pin connector, behind dash panel, centre
T8j	8-pin connector
T11a	11-pin connector, on left in plenum chamber
T32a	32-pin connector
249	Earth connection 2, in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
*	Only models with air conditioning system

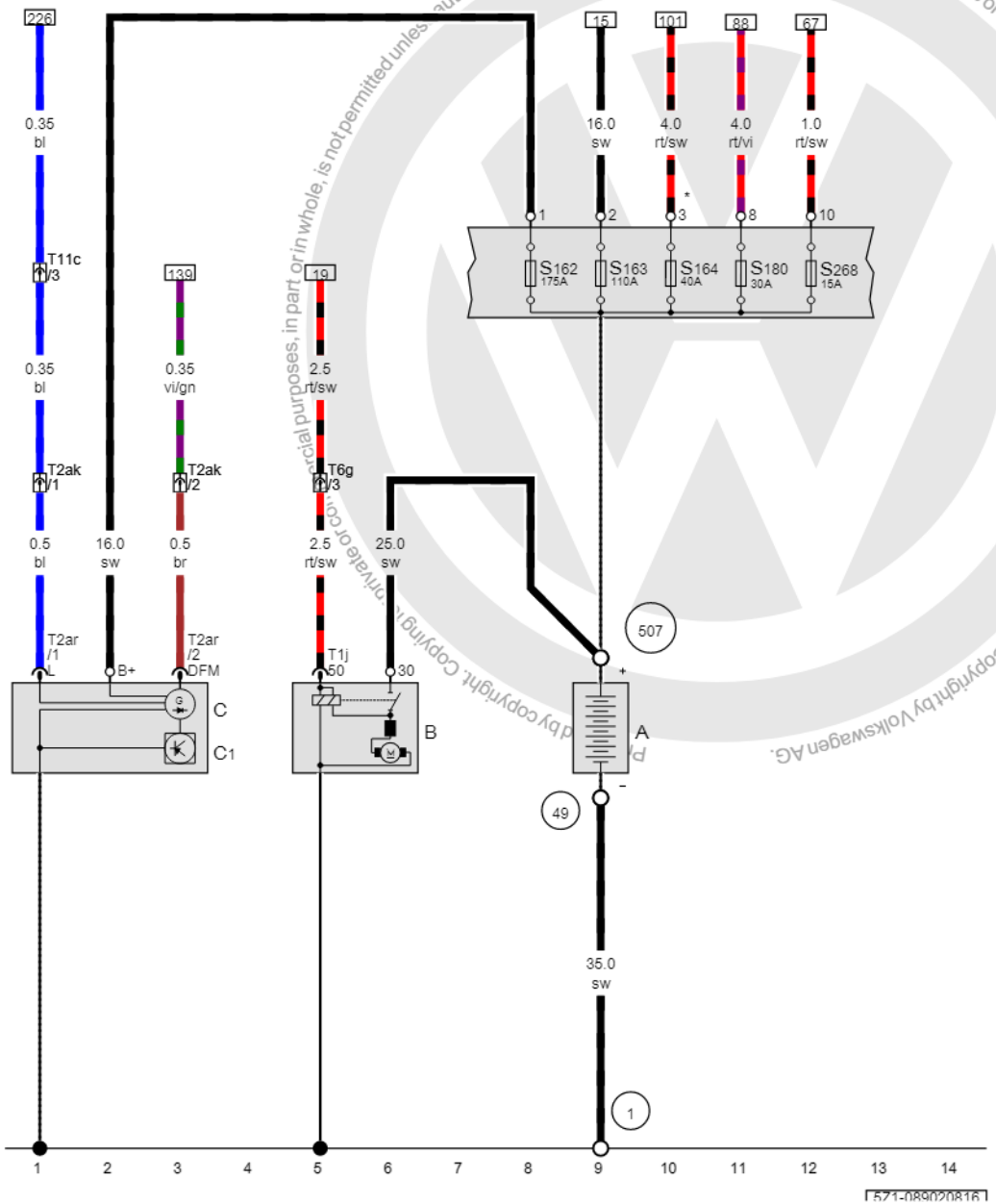
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1.6l engine , CCRA,(F0A)

From April 2008

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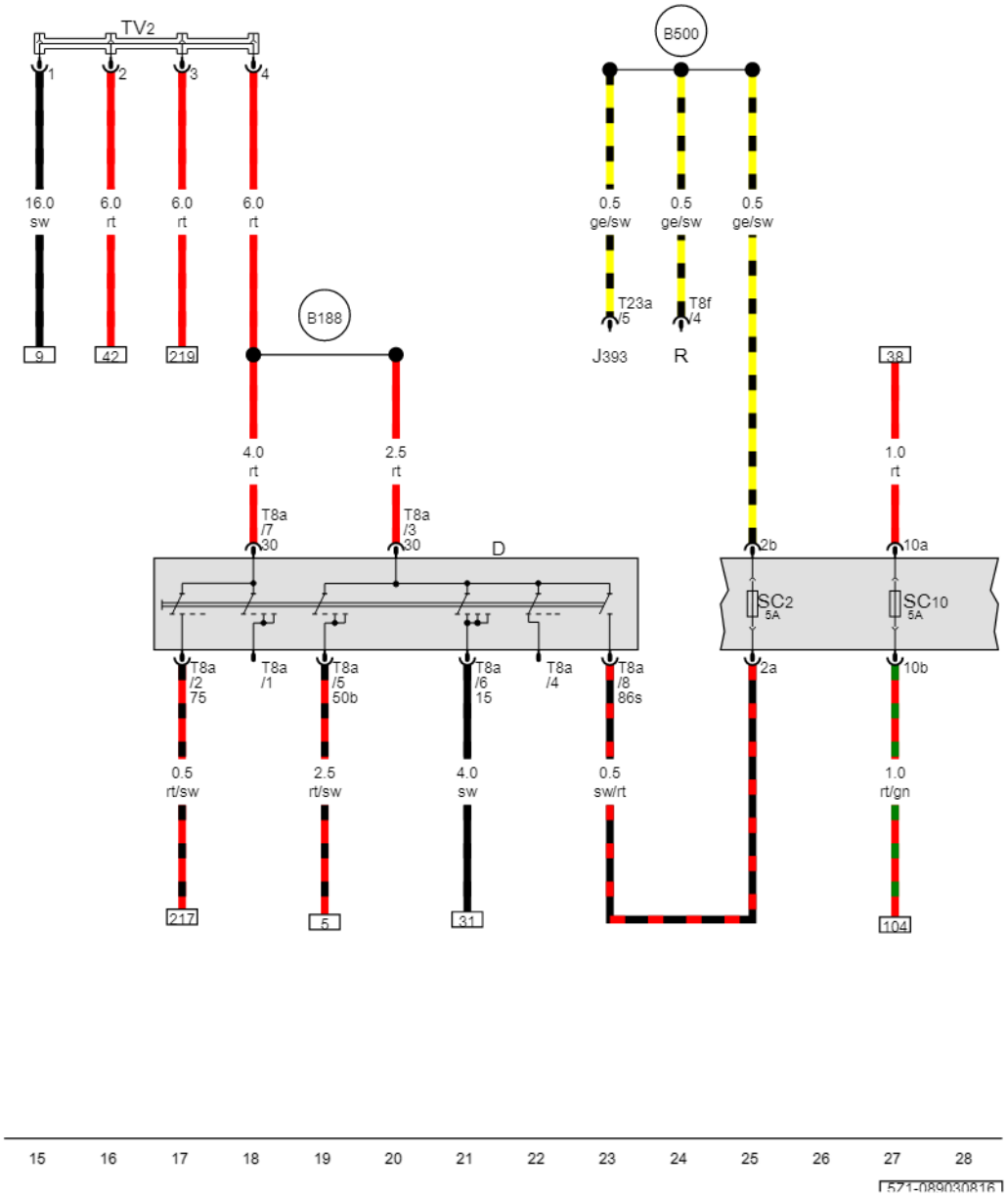


Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S164	Fuse 3 (30), in battery fuse holder
S180	Fuse 8 (30), in battery fuse holder
S268	Fuse 10 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder
*	Only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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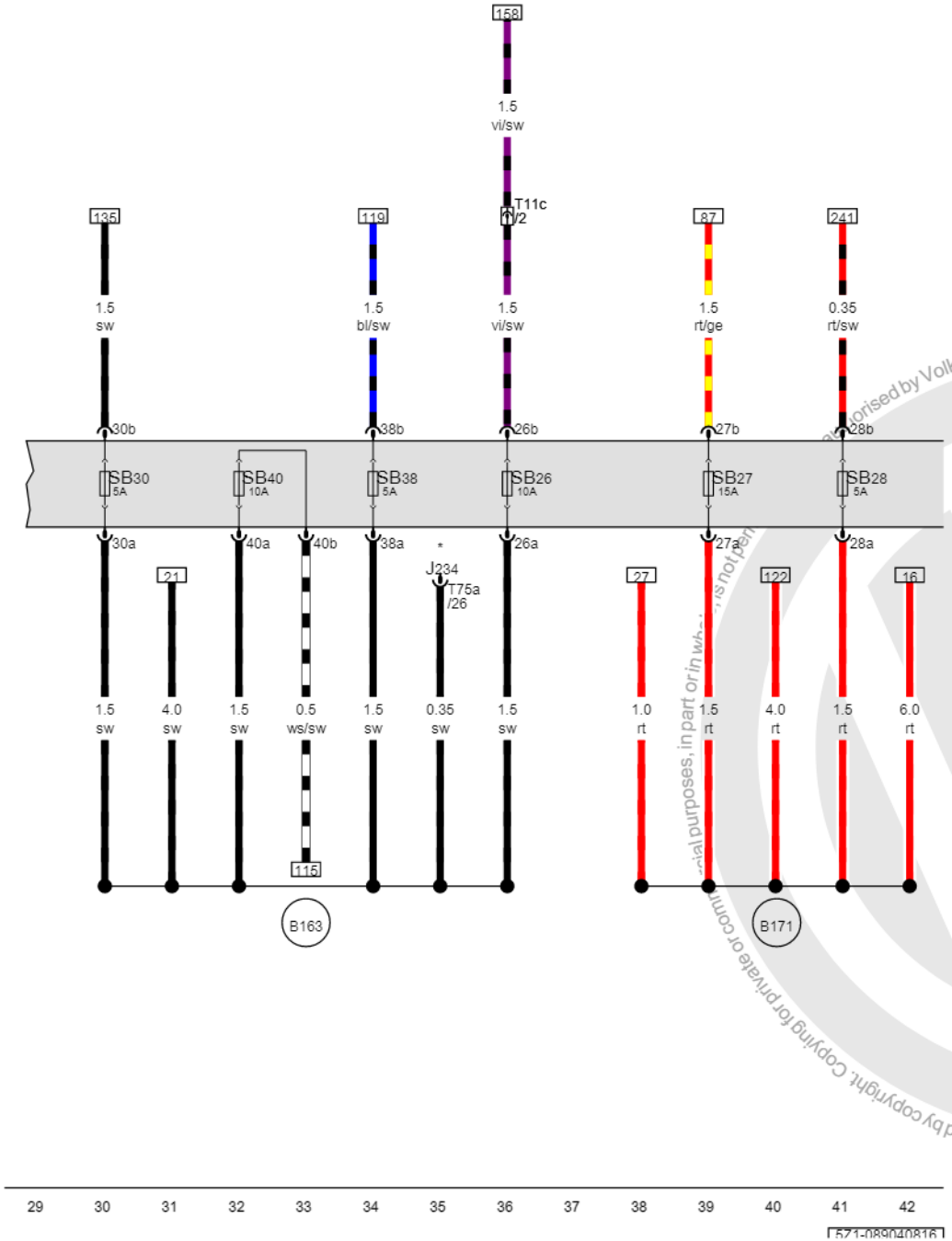


Ignition/starter switch, Terminal 30 wiring junction

D	Ignition/starter switch
J393	Convenience system central control unit
R	Radio
SC2	Fuse 2 on fuse holder C
SC10	Fuse 10 on fuse holder C
T8a	8-pin connector
T8f	8-pin connector
T23a	23-pin connector
TV2	Terminal 30 wiring junction
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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rs	=	pink

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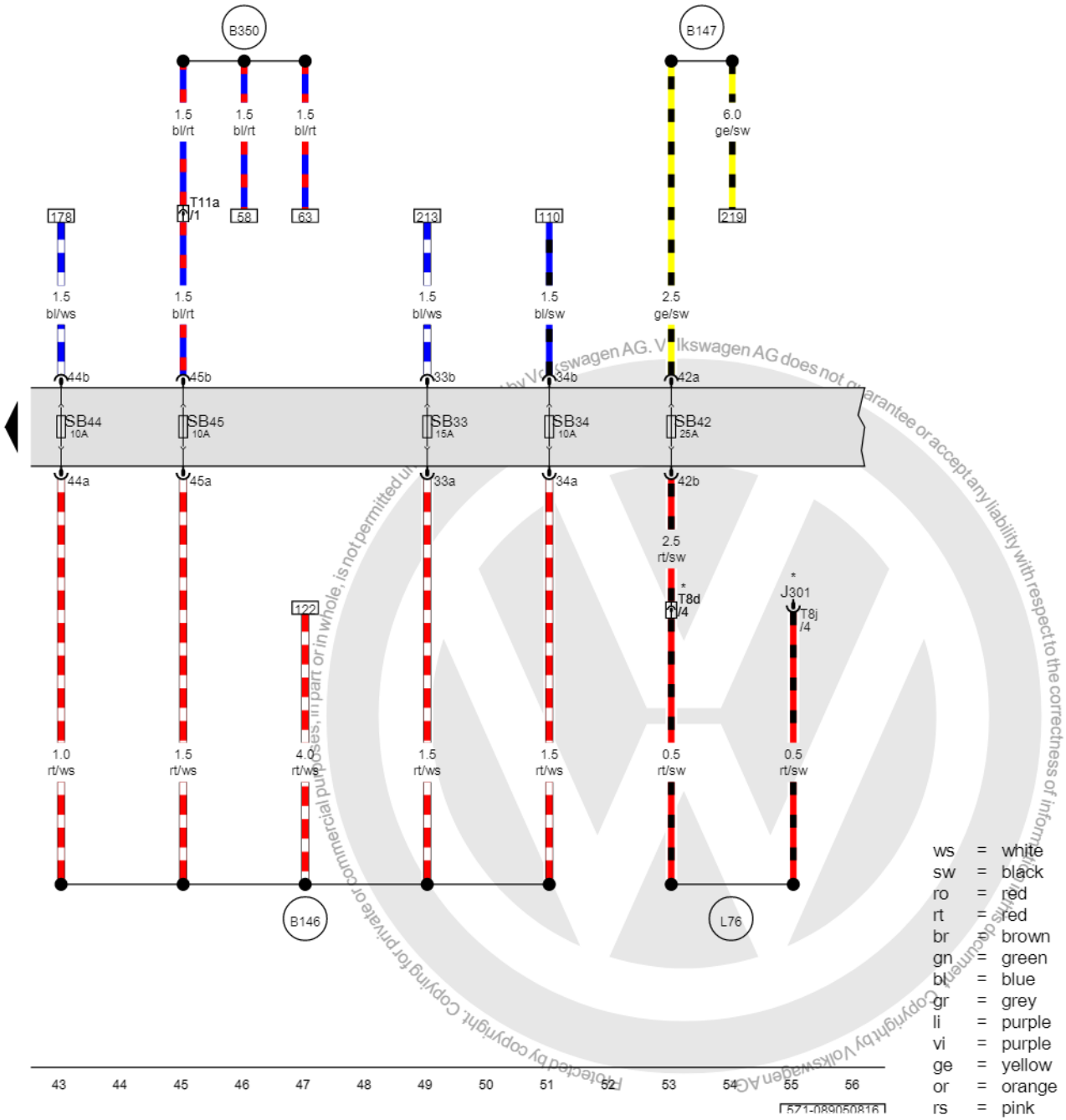


Fuse 26 on fuse holder B, Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 30 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B

J234	Airbag control unit
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
T11c	11-pin connector, on left in plenum chamber
T75a	75-pin connector
B163	Positive connection 1 (15), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness
*	Only models with airbag

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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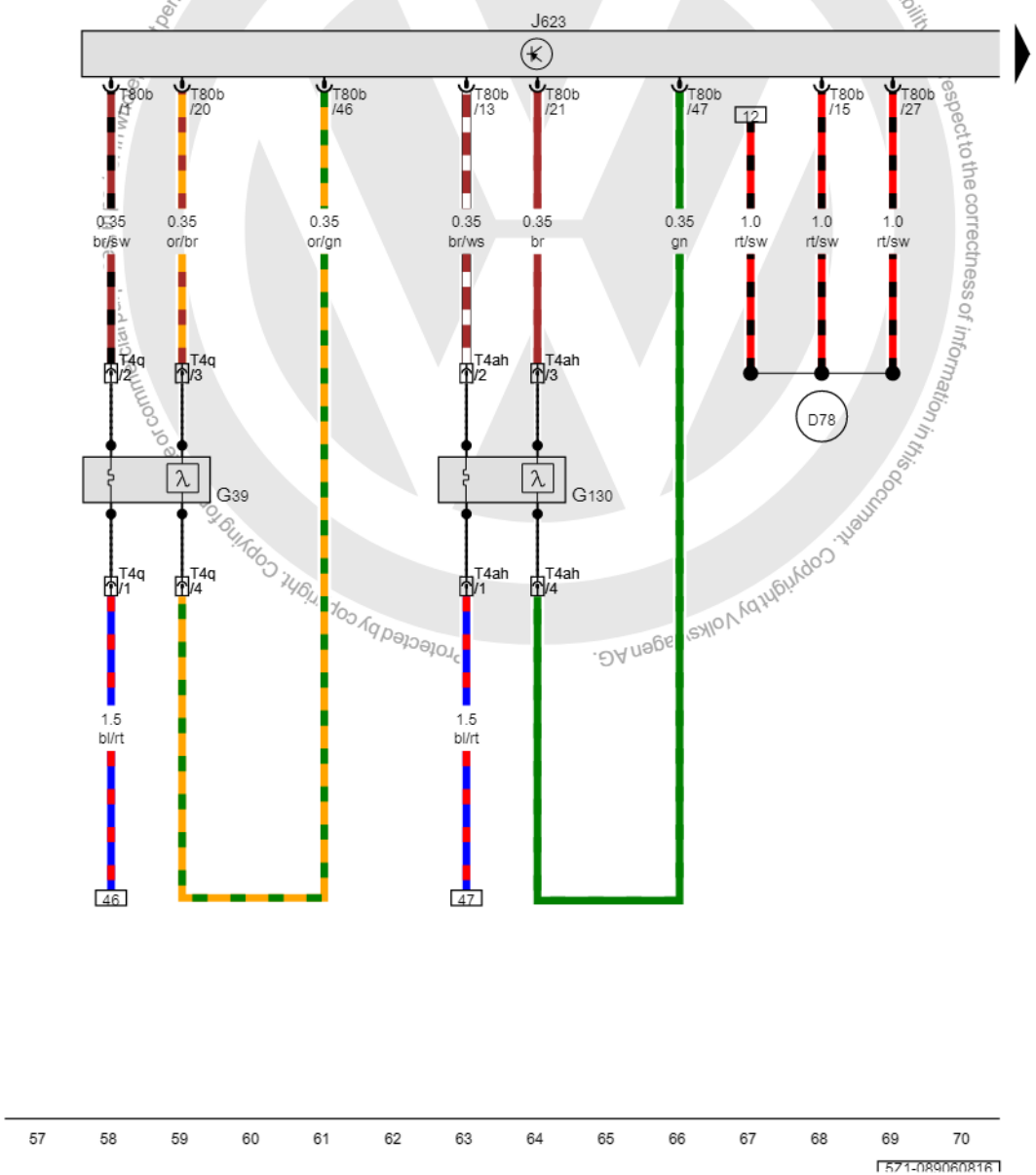


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Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 42 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

J301	Air conditioning system control unit
SB33	Fuse 33 on fuse holder B
SB34	Fuse 34 on fuse holder B
SB42	Fuse 42 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
T8d	8-pin connector, behind dash panel, centre
T8j	8-pin connector
T11a	11-pin connector, on left in plenum chamber
B146	Positive connection 1 (87), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness
B350	Positive connection 1 (87a) in main wiring harness
L76	Connection (87), in air conditioning system wiring harness
*	Only models with air conditioning system

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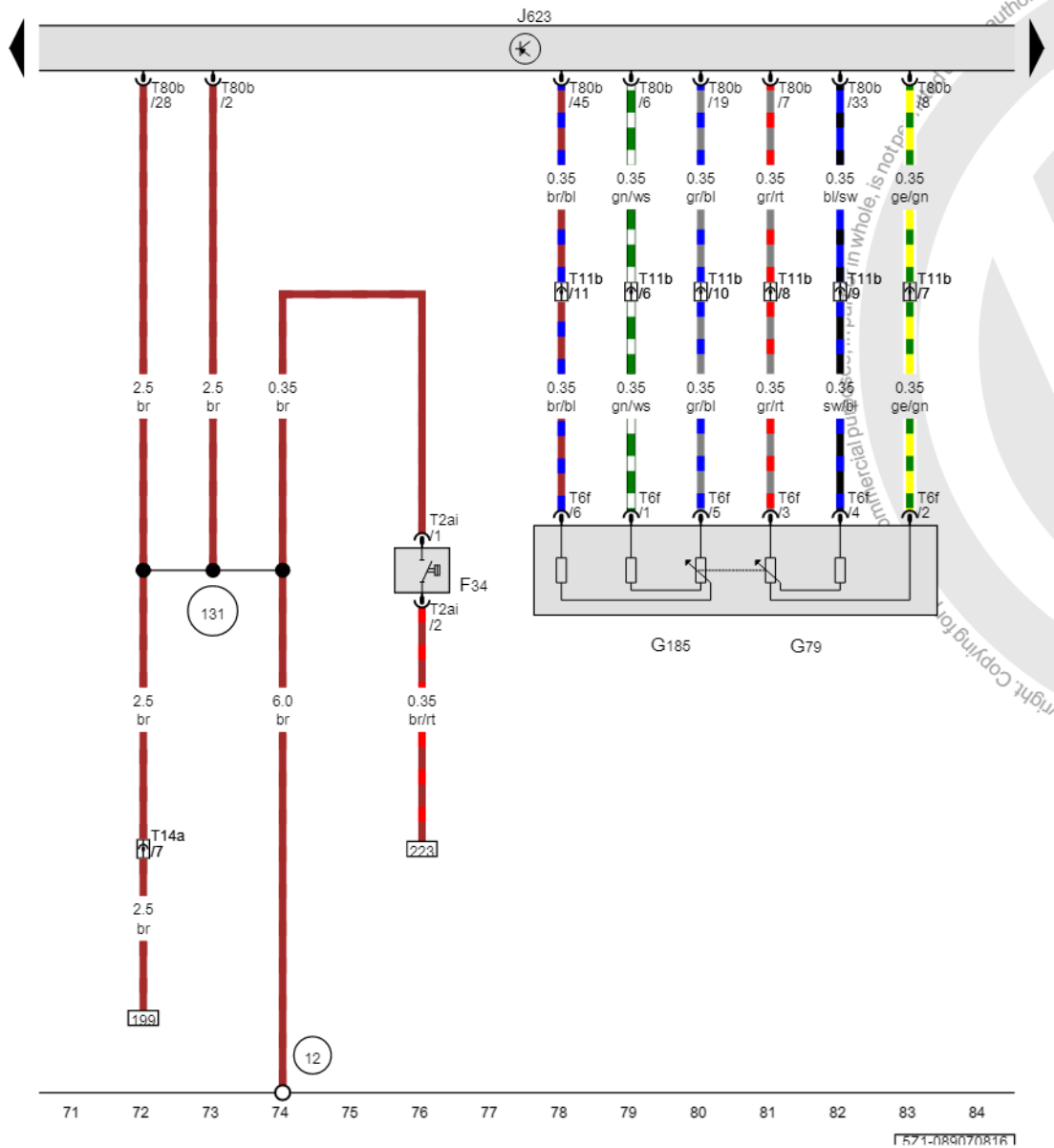
Lambda probe, Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4ah	4-pin connector
T4q	4-pin connector
T80b	80-pin connector
D78	Positive connection 1 (30a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Brake fluid level warning contact, Accelerator position sender, Accelerator position sender 2, Engine control unit

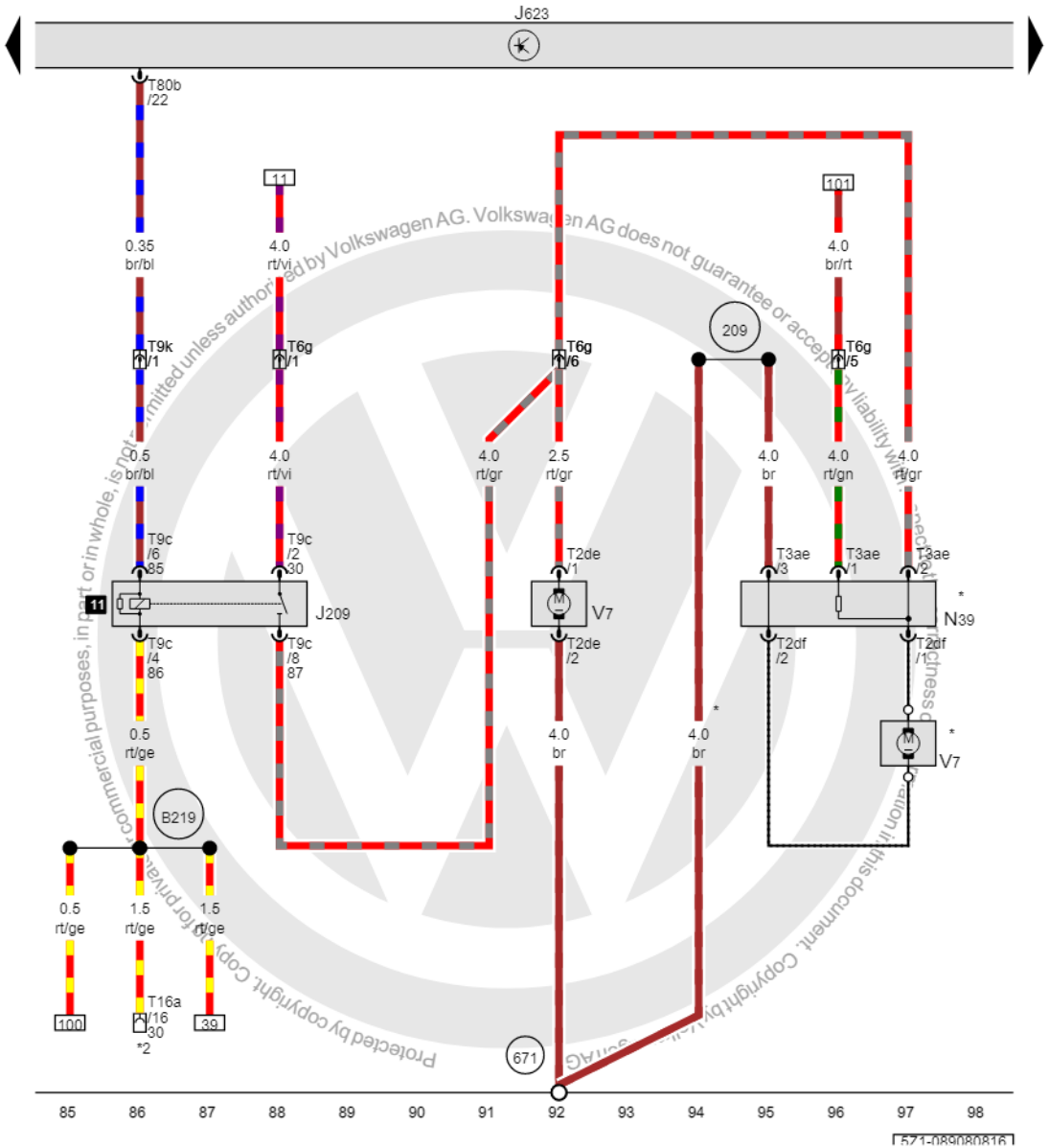
F34	Brake fluid level warning contact
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T2ai	2-pin connector
T6f	6-pin connector
T11b	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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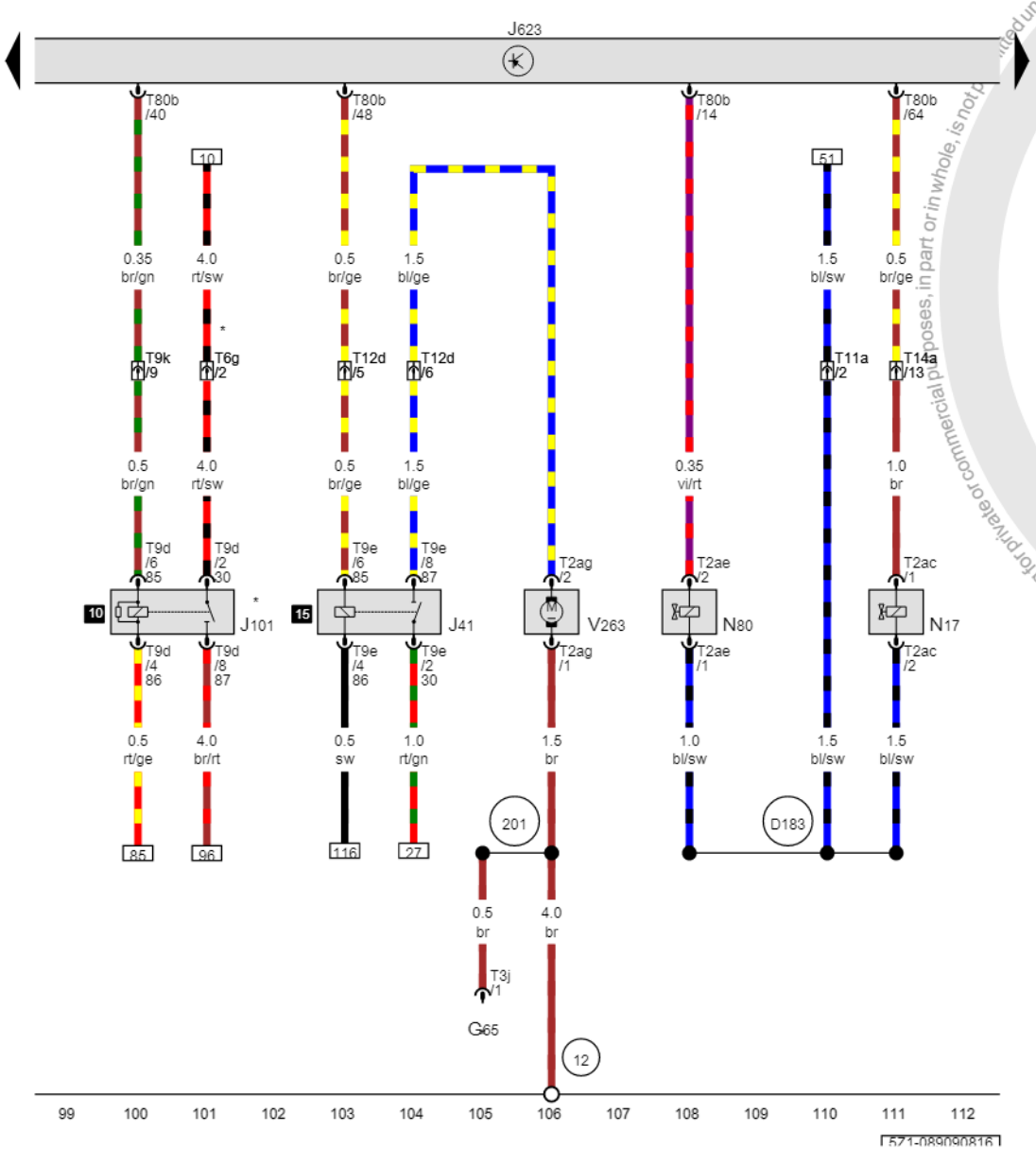
Fresh air blower and radiator fan relay, Engine control unit, Radiator fan series resistor, Radiator fan



J209	Fresh air blower and radiator fan relay
J623	Engine control unit
N39	Radiator fan series resistor
T2de	2-pin connector
T2df	2-pin connector
T3ae	3-pin connector
T6g	6-pin connector, on left in plenum chamber
T9c	9-pin connector
T9k	9-pin connector, on left in plenum chamber
T16a	16-pin connector
T80b	80-pin connector
V7	Radiator fan
209	Earth connection 6, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
B219	Positive connection 4 (30a), in interior wiring harness
*	Only models with air conditioning system
*2	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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Cold start device relay, Radiator fan 2nd speed relay, Engine control unit, Cold start valve, Activated charcoal filter solenoid valve 1, Fuel pump for cold start

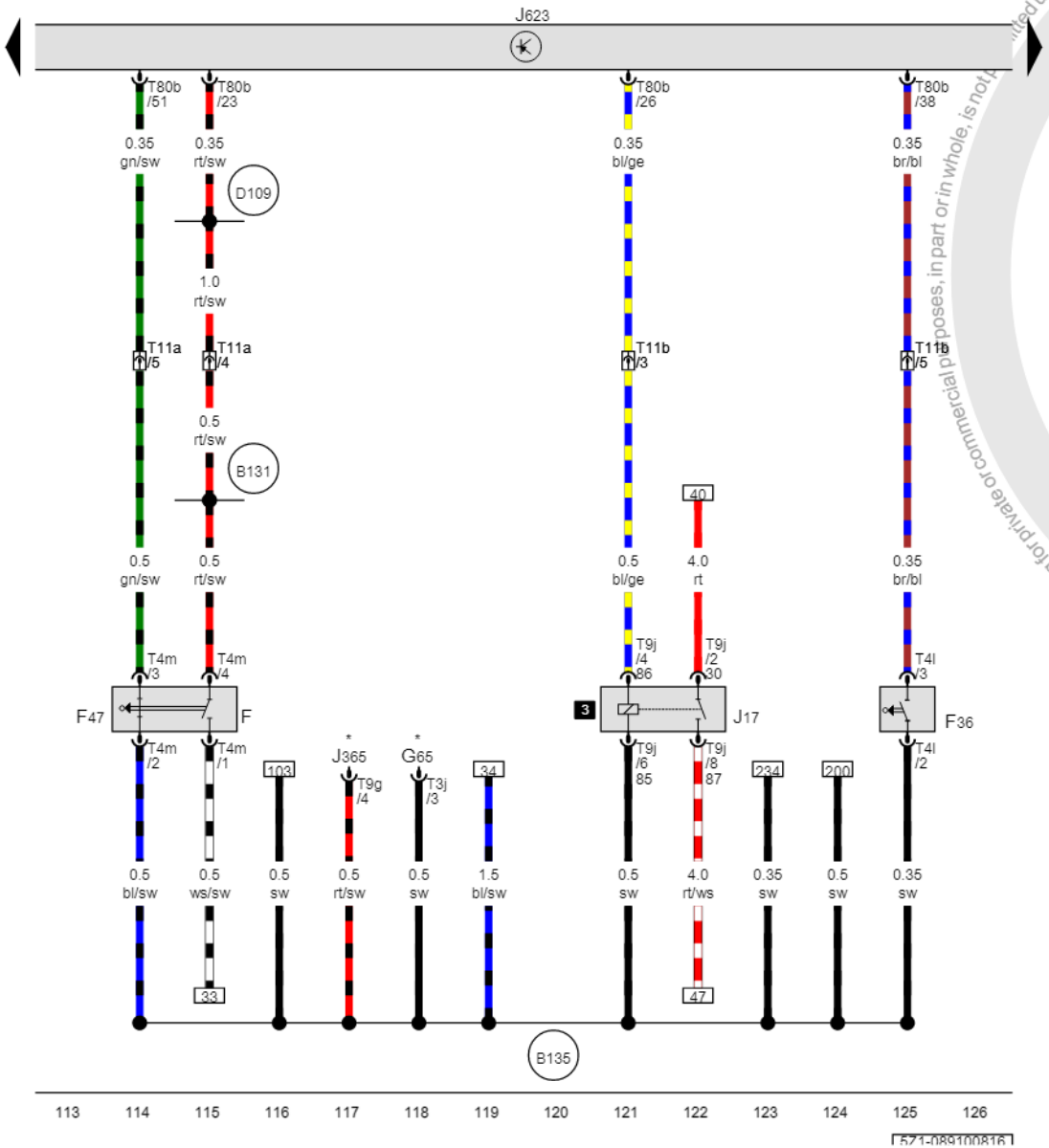
G65	High-pressure sender
J41	Cold start device relay
J101	Radiator fan 2nd speed relay
J623	Engine control unit
N17	Cold start valve
N80	Activated charcoal filter solenoid valve 1
T2ac	2-pin connector
T2ae	2-pin connector
T2ag	2-pin connector
T3j	3-pin connector
T6g	6-pin connector, on left in plenum chamber
T9d	9-pin connector
T9e	9-pin connector
T9k	9-pin connector, on left in plenum chamber
T11a	11-pin connector, on left in plenum chamber
T12d	12-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector
V263	Fuel pump for cold start
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
*	Only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
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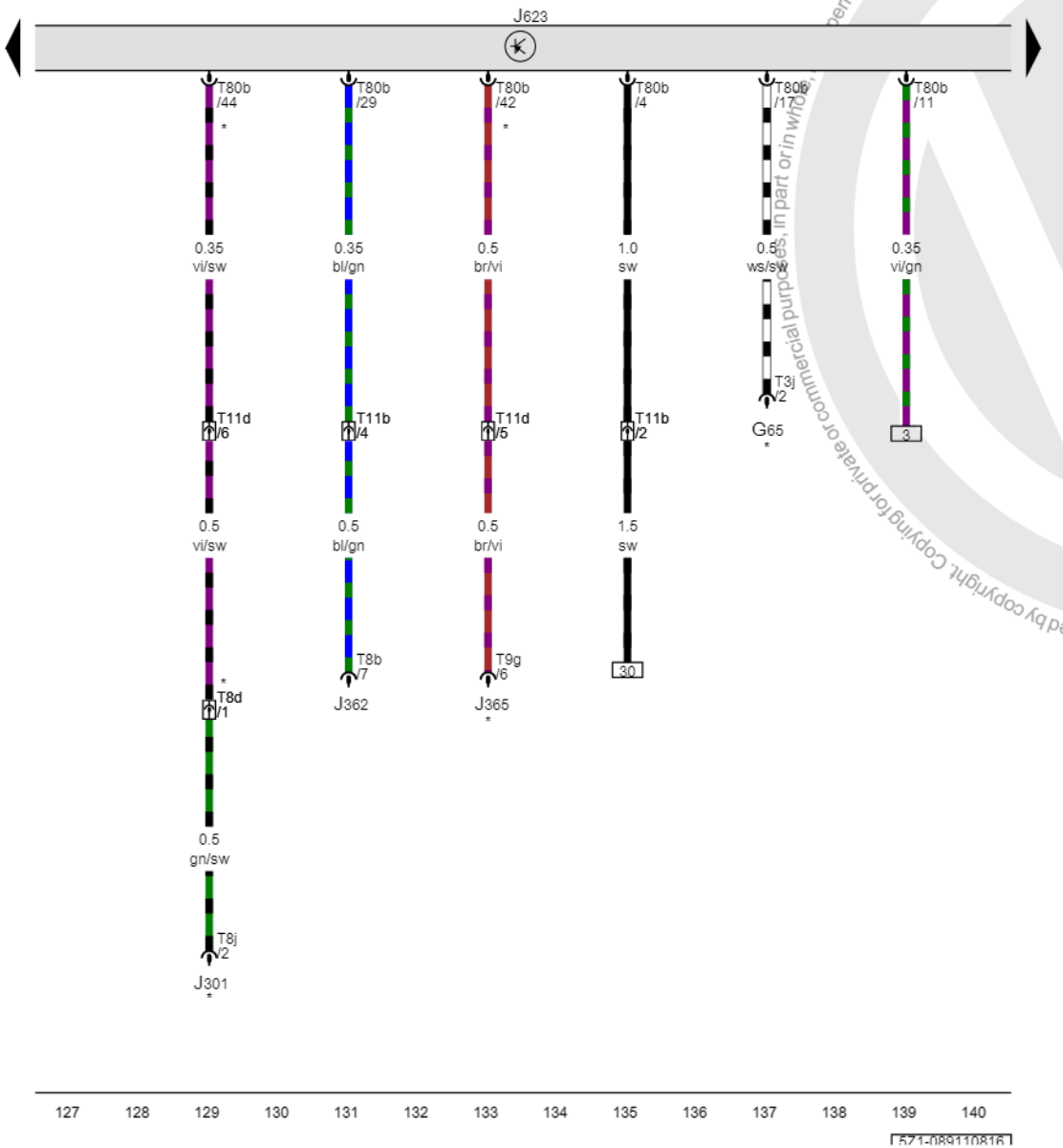
Brake light switch, Clutch pedal switch, Brake pedal switch, Fuel pump relay, Engine control unit

F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
G65	High-pressure sender
J17	Fuel pump relay
J365	Air conditioning system switch-off relay
J623	Engine control unit
T3j	3-pin connector
T4l	4-pin connector
T4m	4-pin connector
T9g	9-pin connector
T9j	9-pin connector
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T80b	80-pin connector
B131	Connection (54), in interior wiring harness
B135	Connection 1 (15a), in interior wiring harness
D109	Connection 7 in engine compartment wiring harness
*	Only models with air conditioning system



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Engine control unit

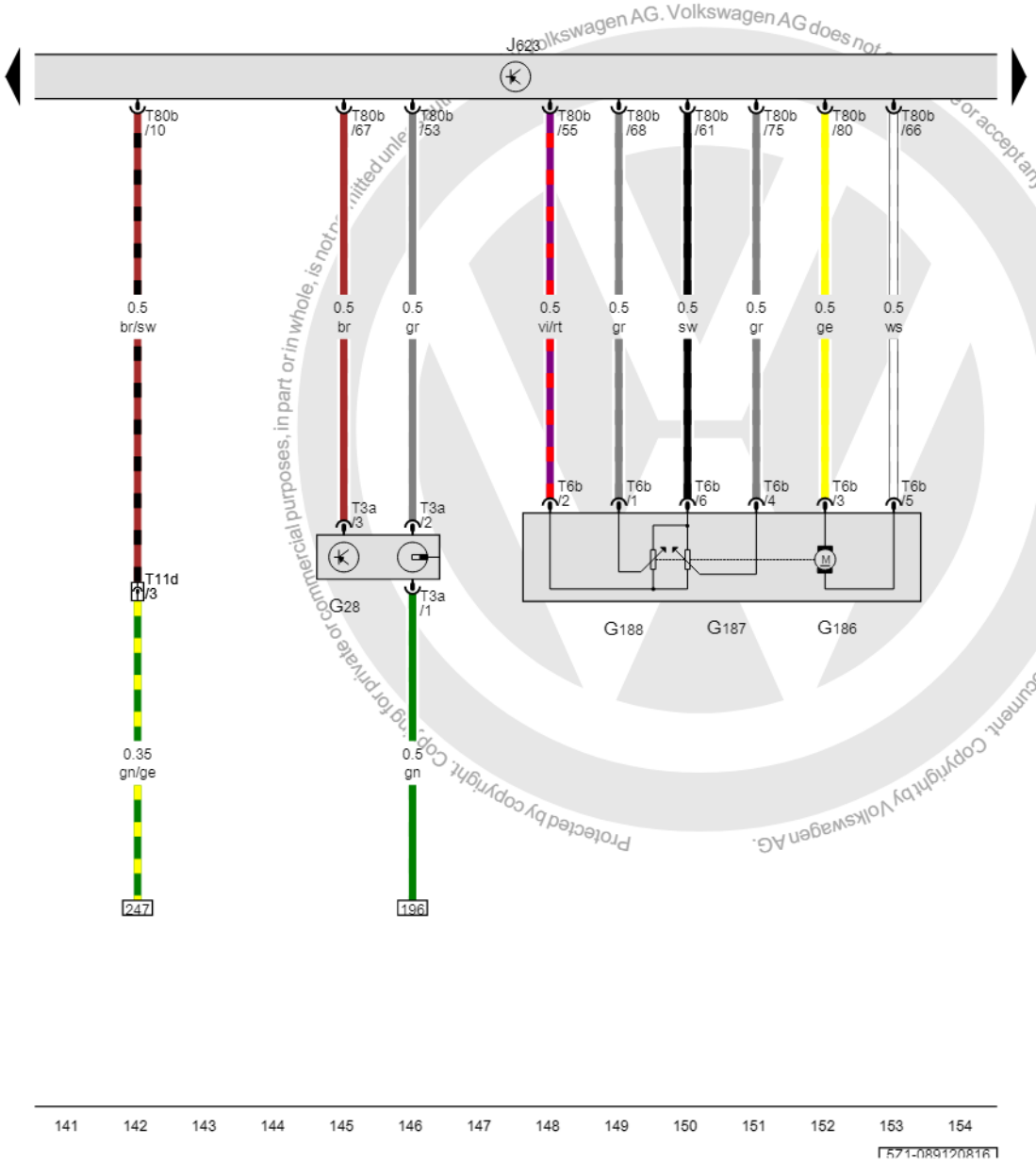
G65	High-pressure sender
J301	Air conditioning system control unit
J362	Immobiliser control unit
J365	Air conditioning system switch-off relay
J623	Engine control unit
T3j	3-pin connector
T8b	8-pin connector
T8d	8-pin connector, behind dash panel, centre
T8j	8-pin connector
T9g	9-pin connector
T11b	11-pin connector, on left in plenum chamber
T11d	11-pin connector, on left in plenum chamber
T80b	80-pin connector
*	Only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit

G28	Engine speed sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J623	Engine control unit
T3a	3-pin connector
T6b	6-pin connector
T11d	11-pin connector, on left in plenum chamber
T80b	80-pin connector

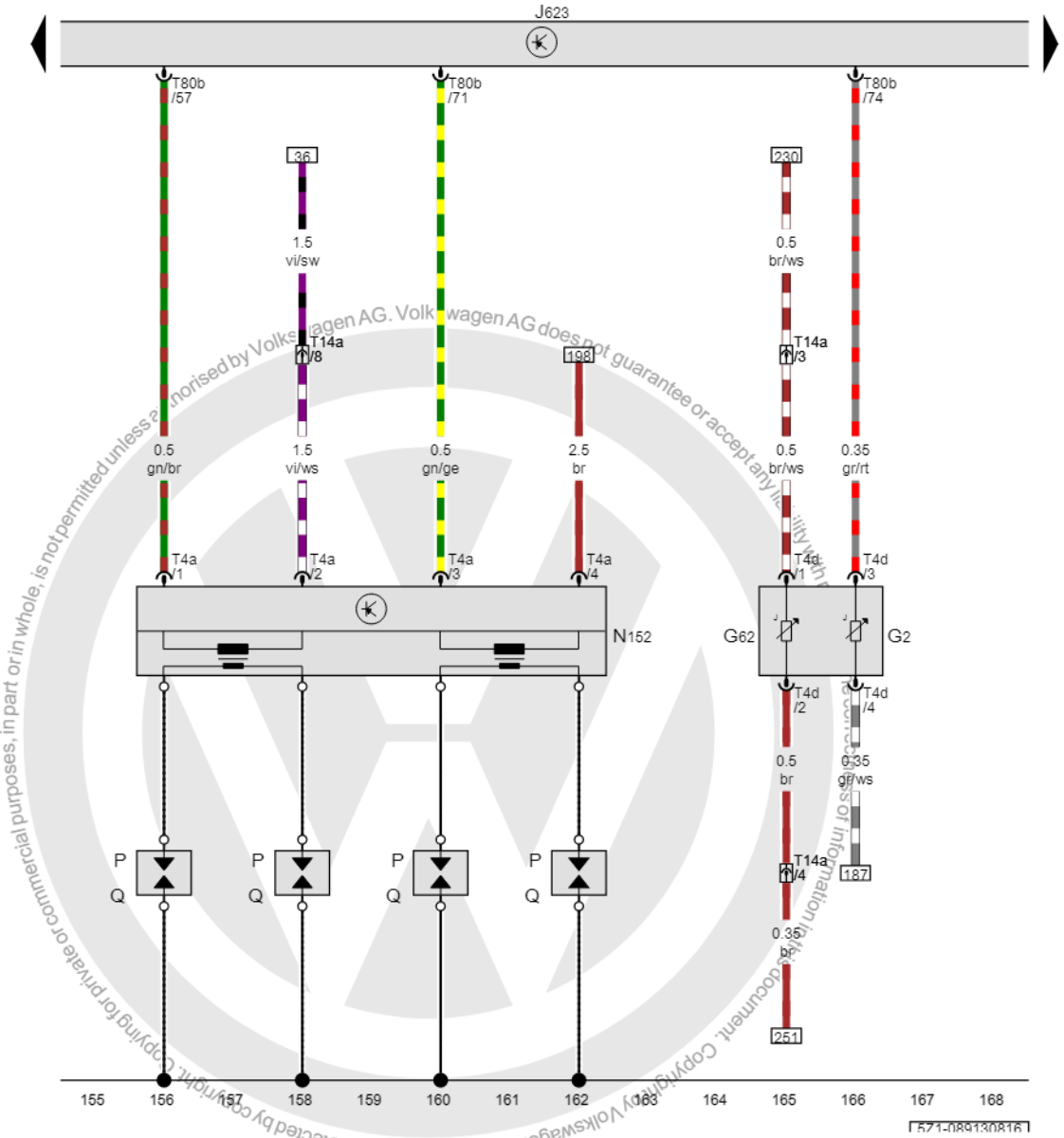


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Coolant temperature display sender, Coolant temperature sender, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs

G2	Coolant temperature display sender
G62	Coolant temperature sender
J623	Engine control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector
T4d	4-pin connector
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector

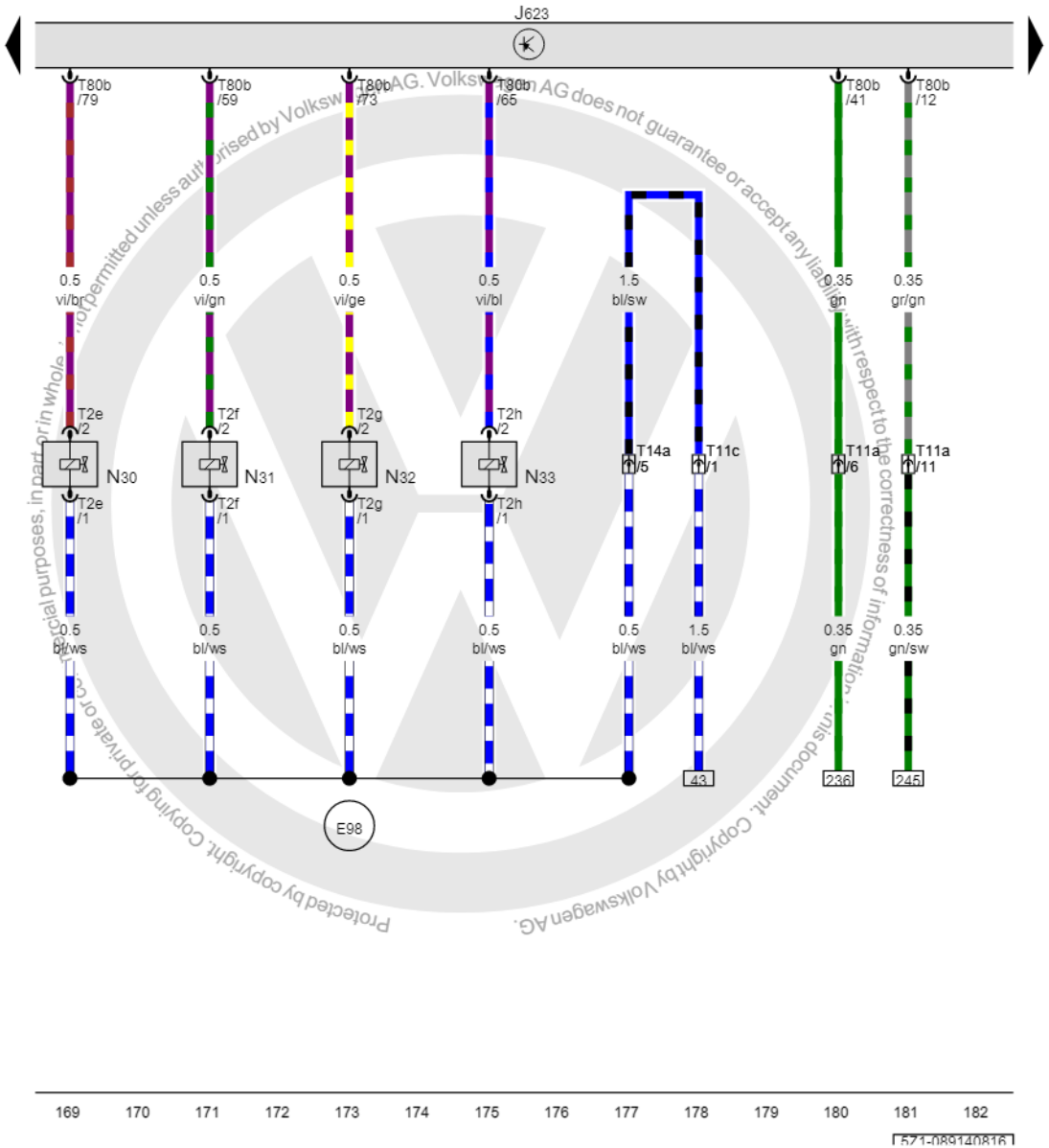


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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2e	2-pin connector
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T11a	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector
E98	Connection 3 (87a) in injection system wiring harness

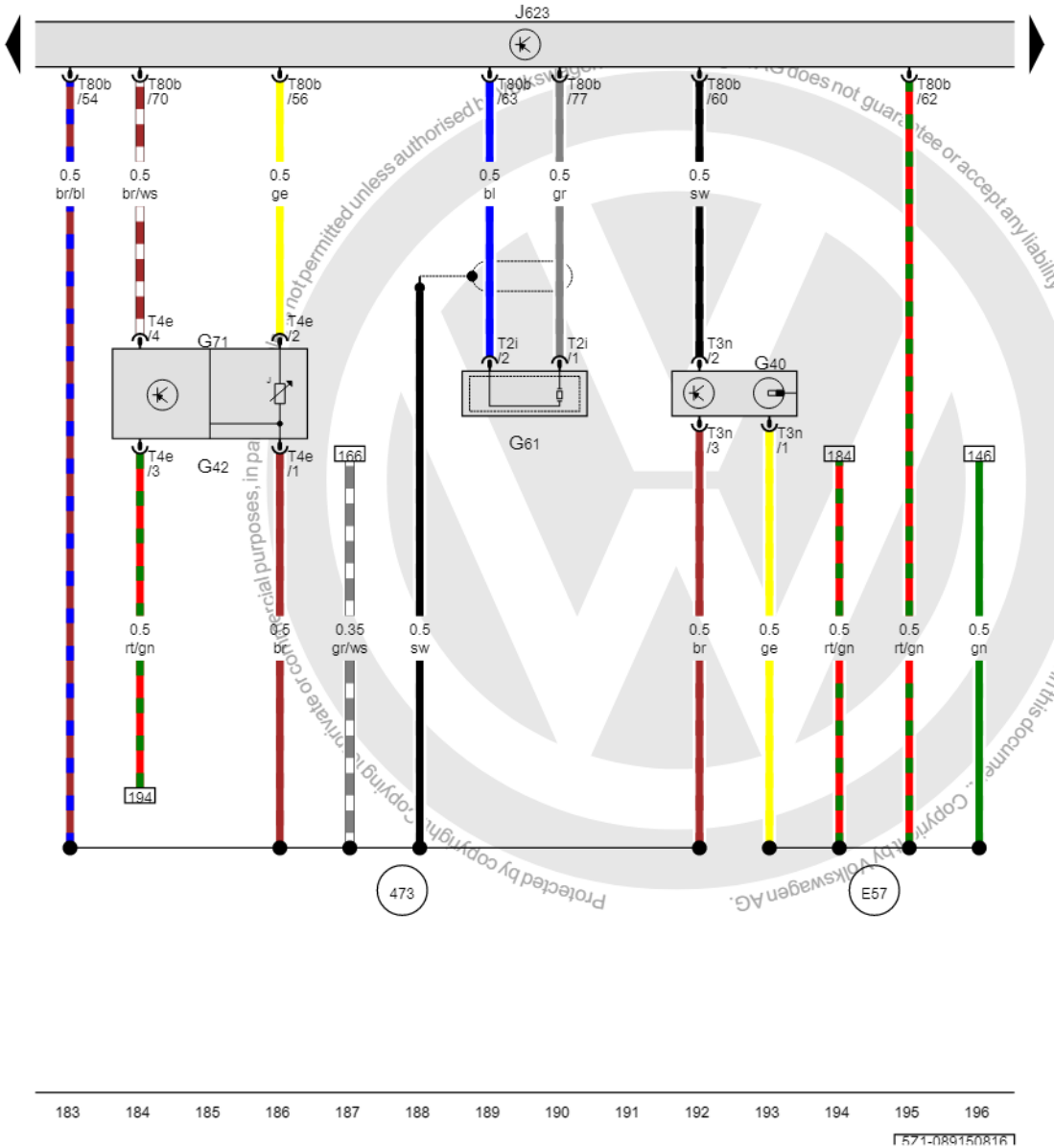


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rt	=	red
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Hall sender, Intake air temperature sender, Knock sensor 1, Intake manifold pressure sender, Engine control unit

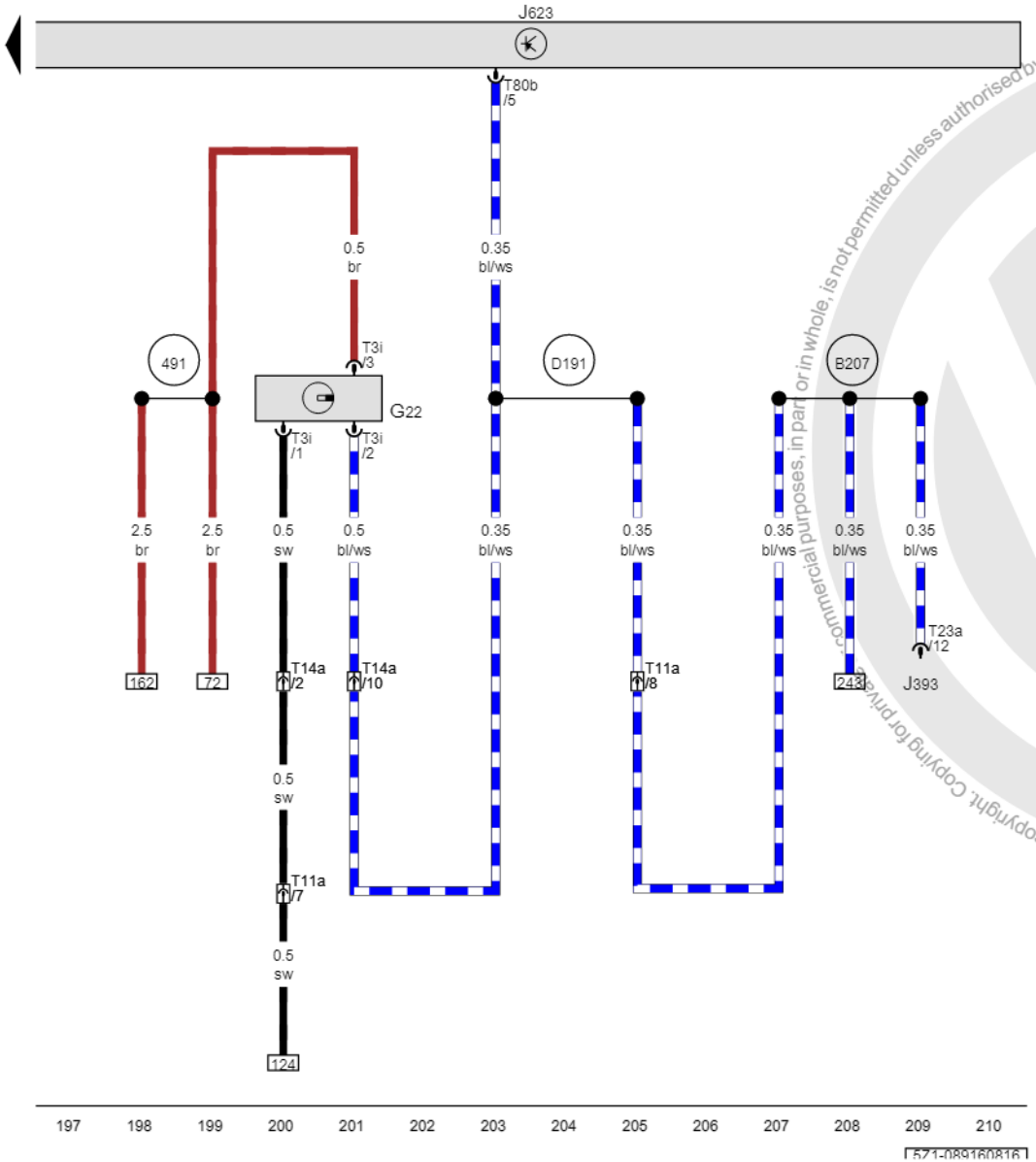
G40	Hall sender
G42	Intake air temperature sender
G61	Knock sensor 1
G71	Intake manifold pressure sender
J623	Engine control unit
T2i	2-pin connector
T3n	3-pin connector
T4e	4-pin connector
T80b	80-pin connector
473	Earth connection 5, in injection system wiring harness
E57	Connection 2, in injection system wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Speedometer sender, Engine control unit

G22	Speedometer sender
J393	Convenience system central control unit
J623	Engine control unit
T3i	3-pin connector
T11a	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T23a	23-pin connector
T80b	80-pin connector
491	Earth connection 6, in injection system wiring harness
B207	Connection (convenience), in interior wiring harness
D191	Speed sender connection, in engine compartment wiring harness

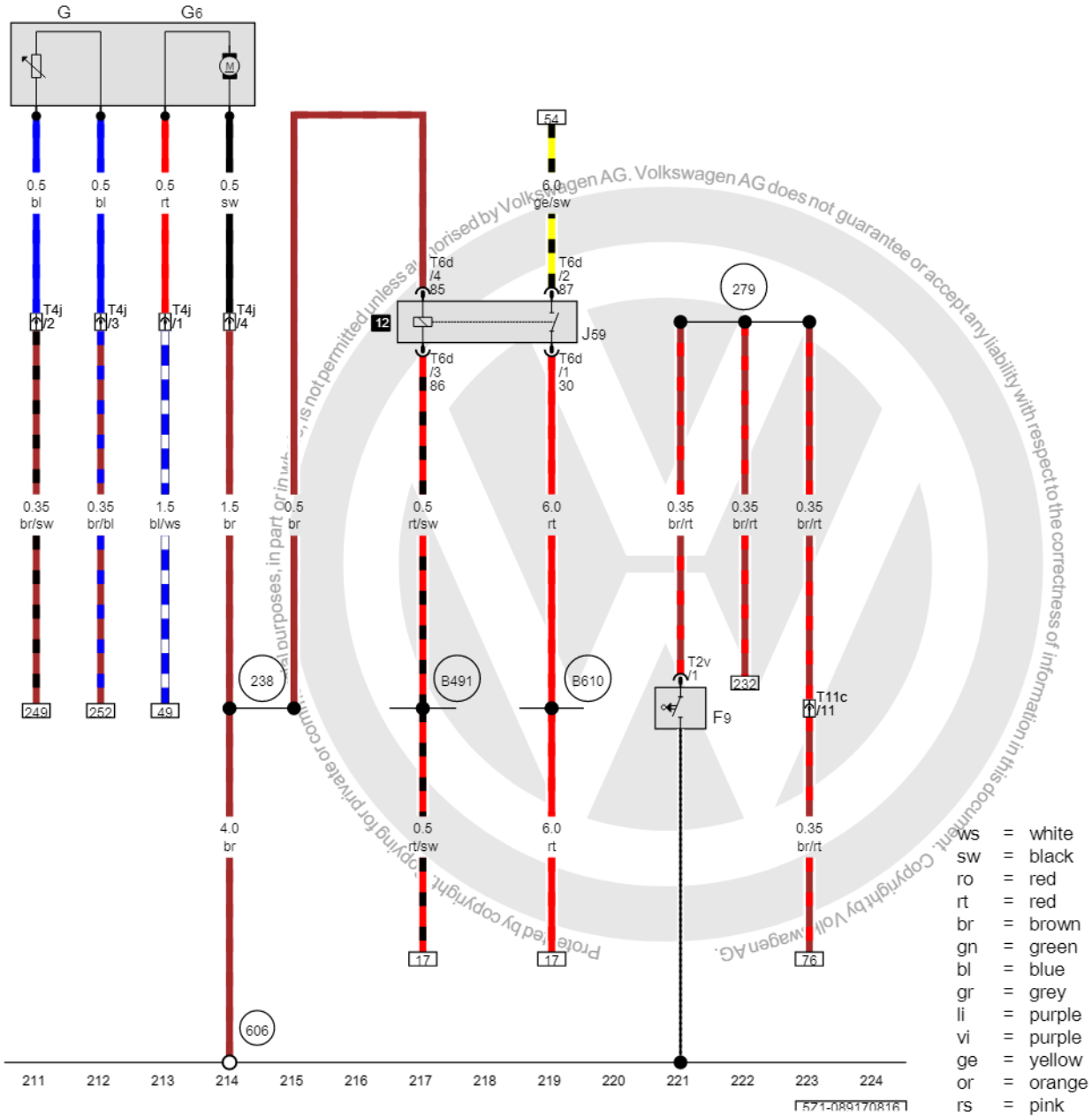


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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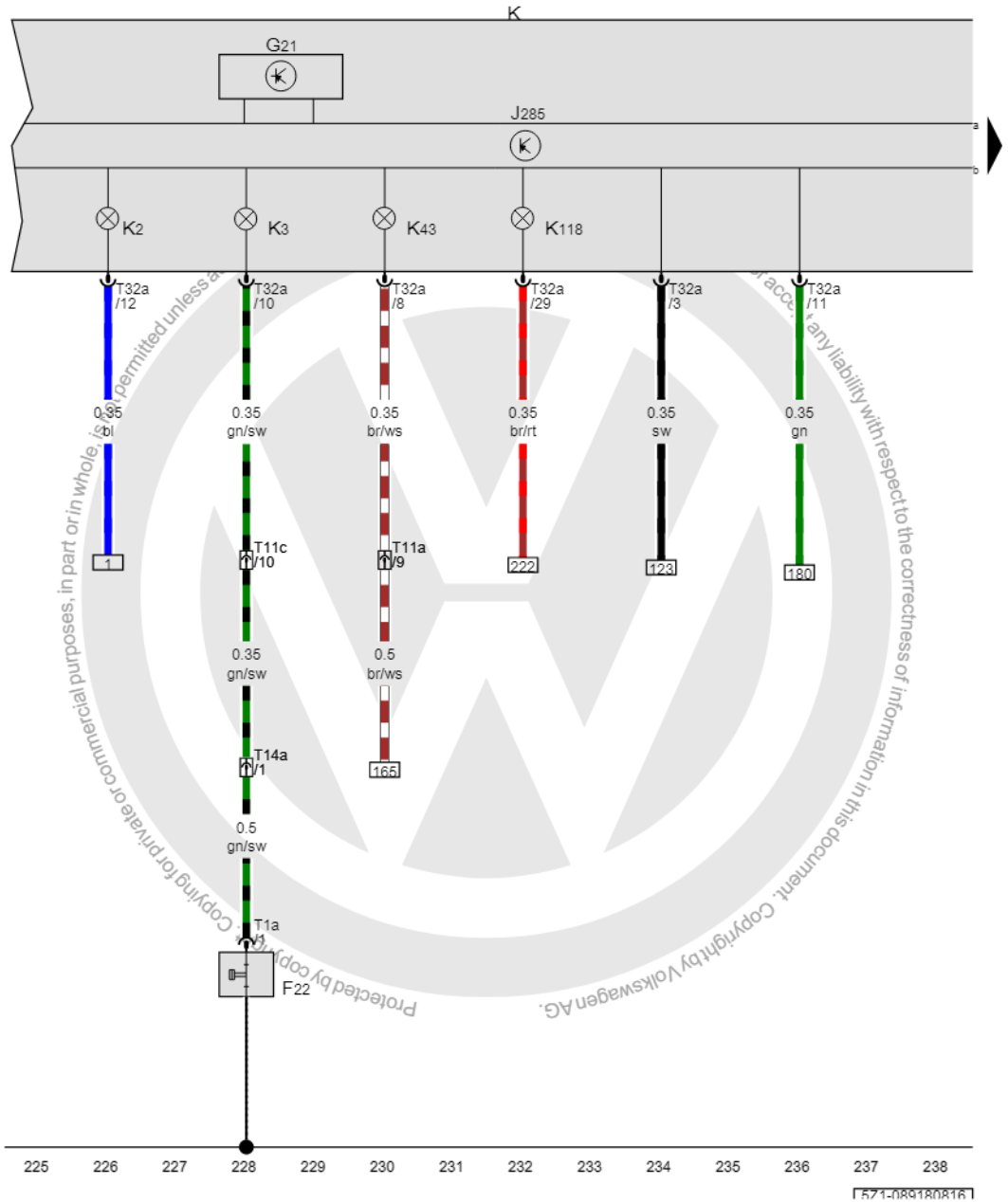
Handbrake warning switch, Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

F9	Handbrake warning switch
G	Fuel gauge sender
G6	Fuel system pressurisation pump
J59	X-contact relief relay
T2v	2-pin connector
T4j	4-pin connector
T6d	6-pin connector
T11c	11-pin connector, on left in plenum chamber
238	Earth connection 1, in interior wiring harness
279	Earth connection 5, in interior wiring harness
606	Earth point, under the centre console near gear stick
B491	Positive connection (75), in interior wiring harness
B610	Connection 6, in interior wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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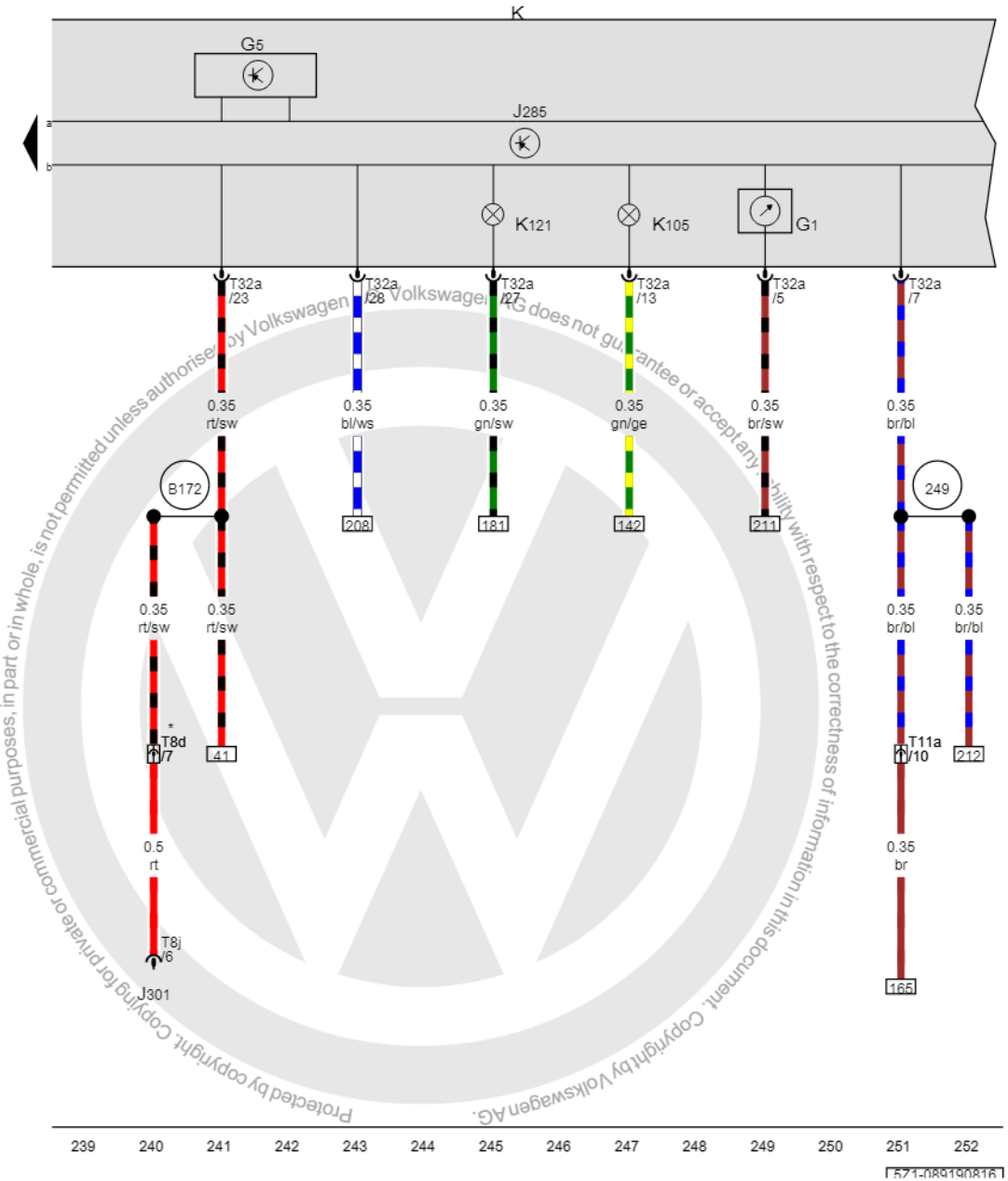
Oil pressure switch, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Coolant temperature warning lamp (too cold), Brake system warning lamp

F22	Oil pressure switch
G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K43	Coolant temperature warning lamp (too cold)
K118	Brake system warning lamp
T1a	Single connector
T11a	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T32a	32-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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rs	=	pink

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Fuel gauge, Rev. counter, Control unit in dash panel insert, Dash panel insert, Reserve fuel warning lamp, Malfunction warning lamp



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G1	Fuel gauge
G5	Rev. counter
J285	Control unit in dash panel insert
J301	Air conditioning system control unit
K	Dash panel insert
K105	Reserve fuel warning lamp
K121	Malfunction warning lamp
T8d	8-pin connector, behind dash panel, centre
T8j	8-pin connector
T11a	11-pin connector, on left in plenum chamber
T32a	32-pin connector
249	Earth connection 2, in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
*	Only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Windscreen wiper and washer with windscreen heater and rear window wiper and washer with heated rear window

from May 2007

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

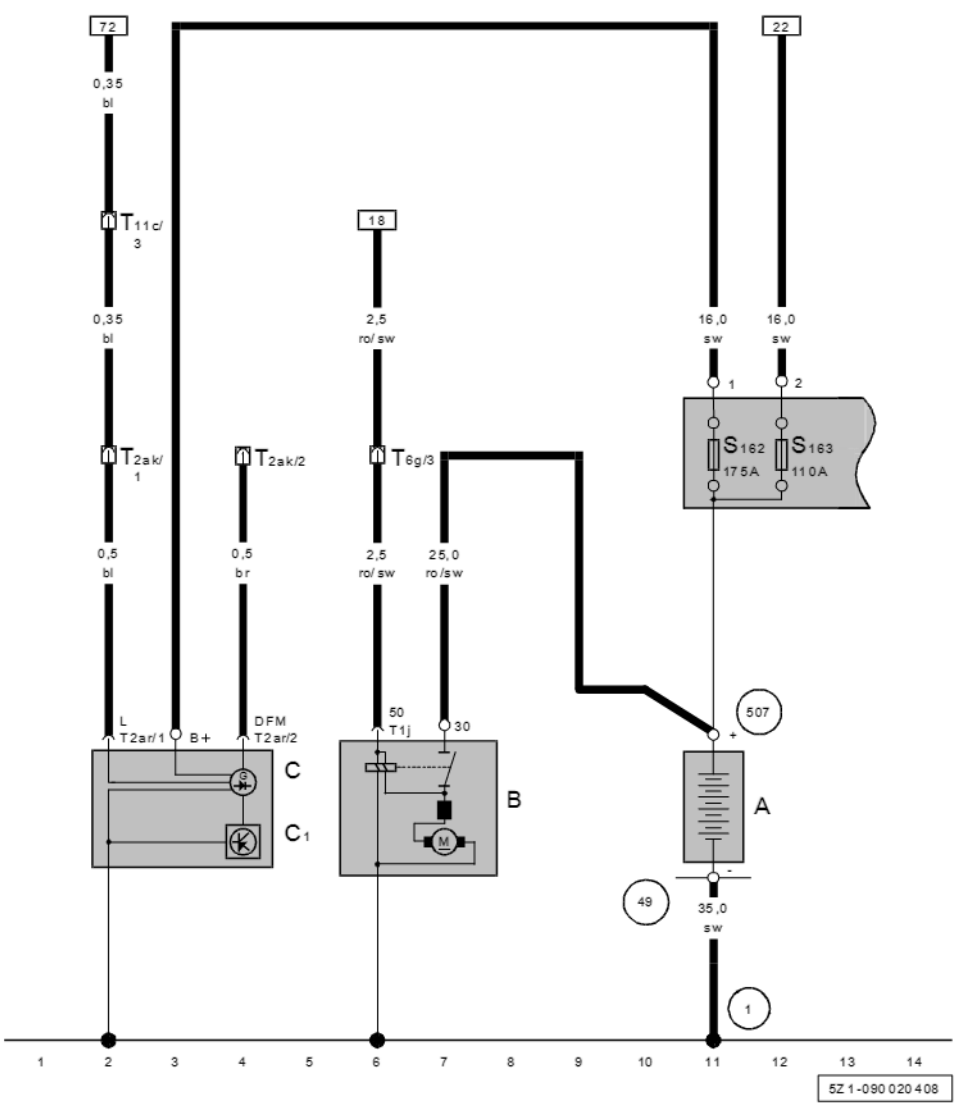
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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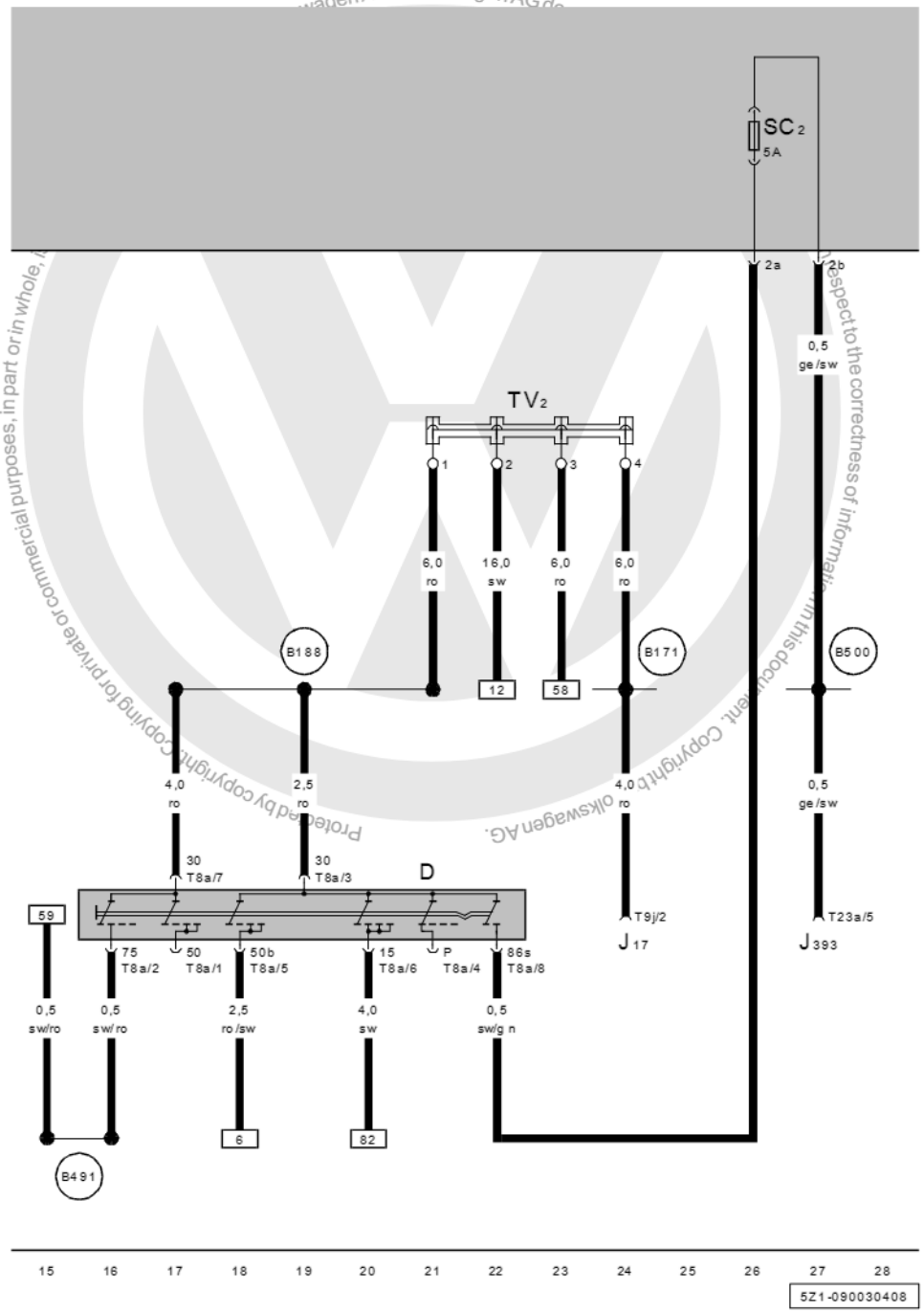


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
(1)	Earth strap, battery - body
(49)	Earth point, near battery
(507)	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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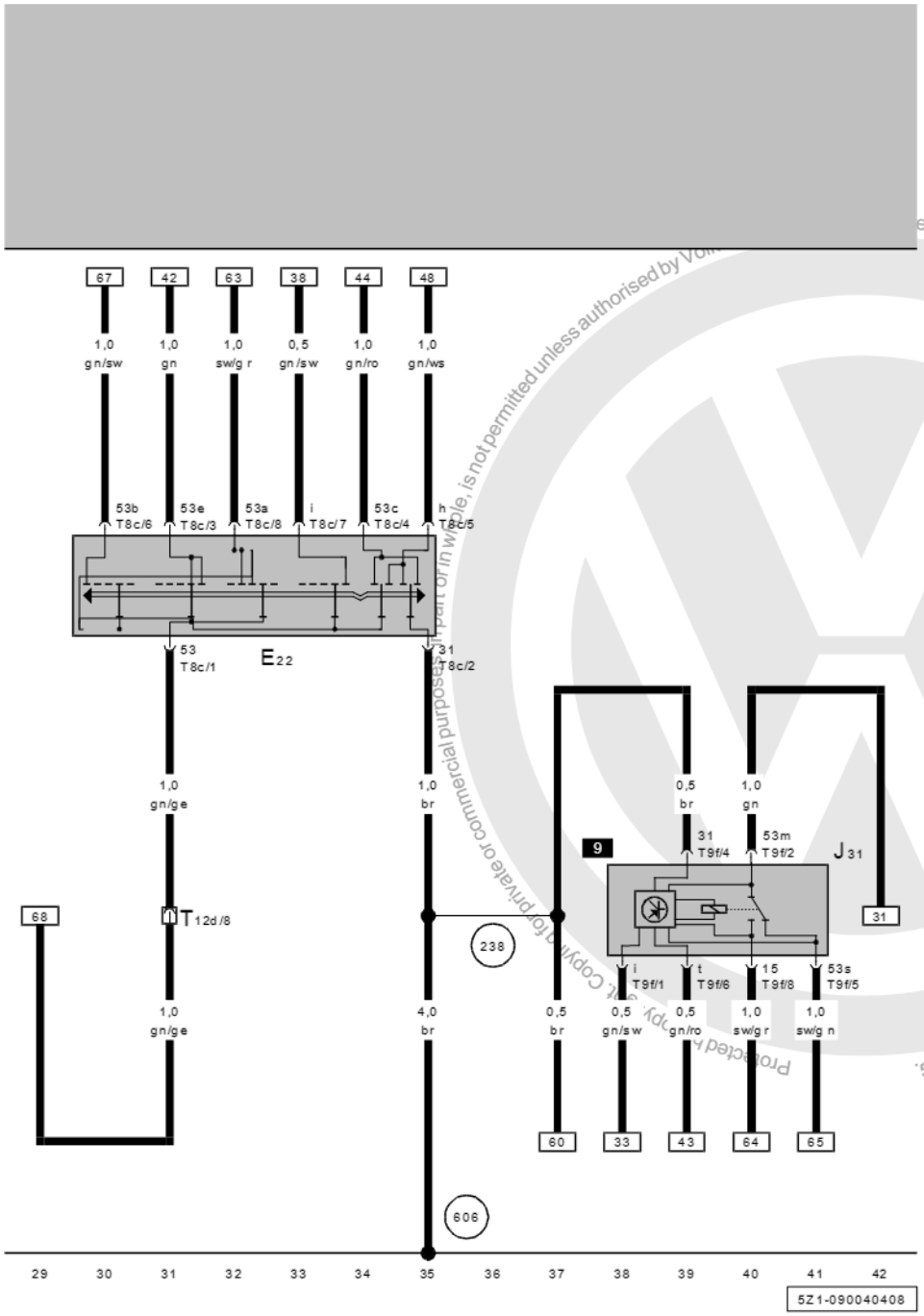


Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J393	Convenience system central control unit
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector, on ignition/starter switch
T9j	9-pin connector, on fuel pump relay
T23a	23-pin connector, on convenience system central control unit
TV2	Terminal 30 wiring junction
B171	Positive connection 3 (30), in interior wiring harness
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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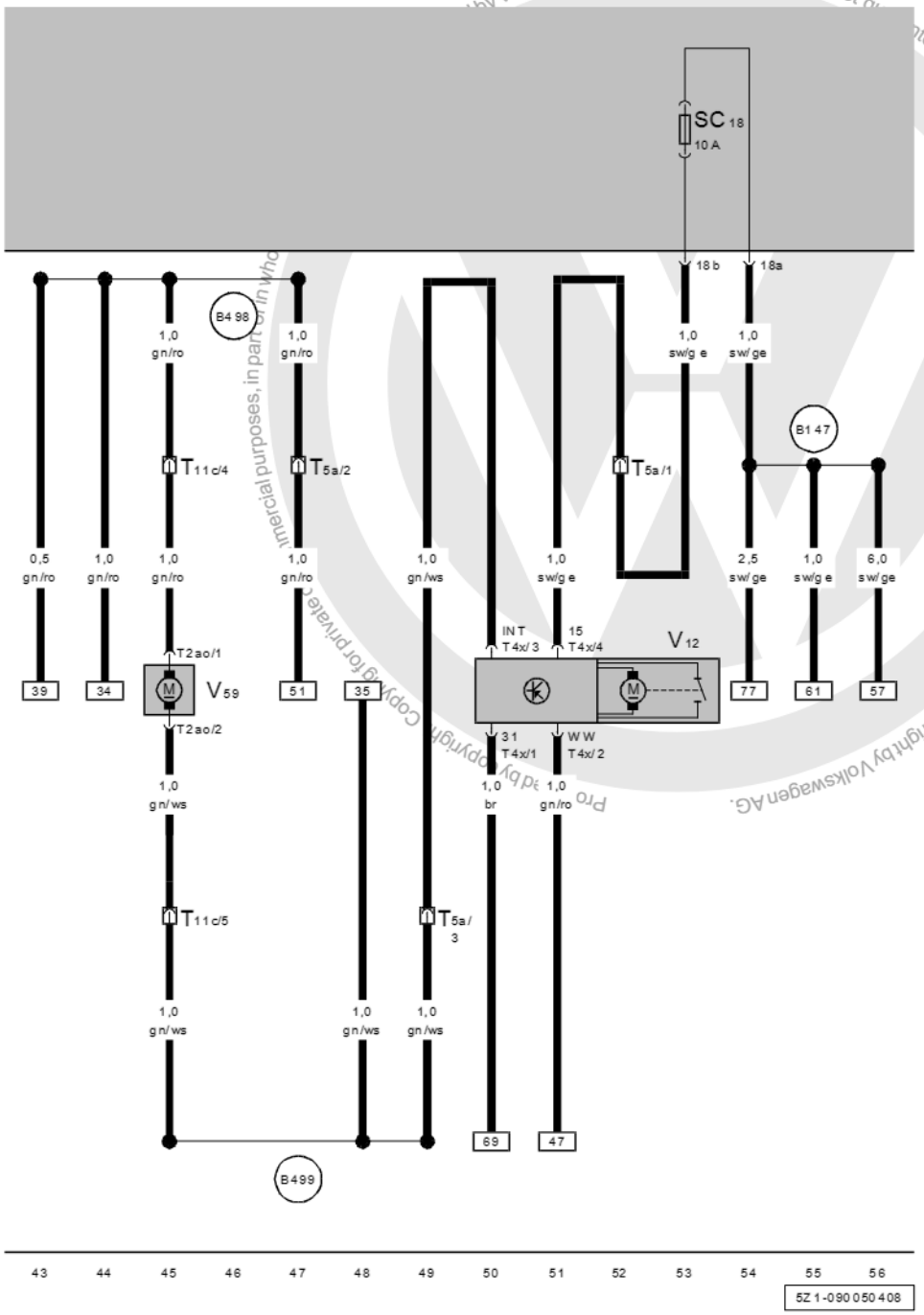


Intermittent wiper switch, automatic intermittent wash and wipe relay

E22	Intermittent wiper switch
J31	Automatic intermittent wash and wipe relay
T8c	8-pin connector, on intermittent wiper switch
T9f	9-pin connector, on automatic intermittent wash and wipe relay
T12d	12-pin connector, in left engine compartment
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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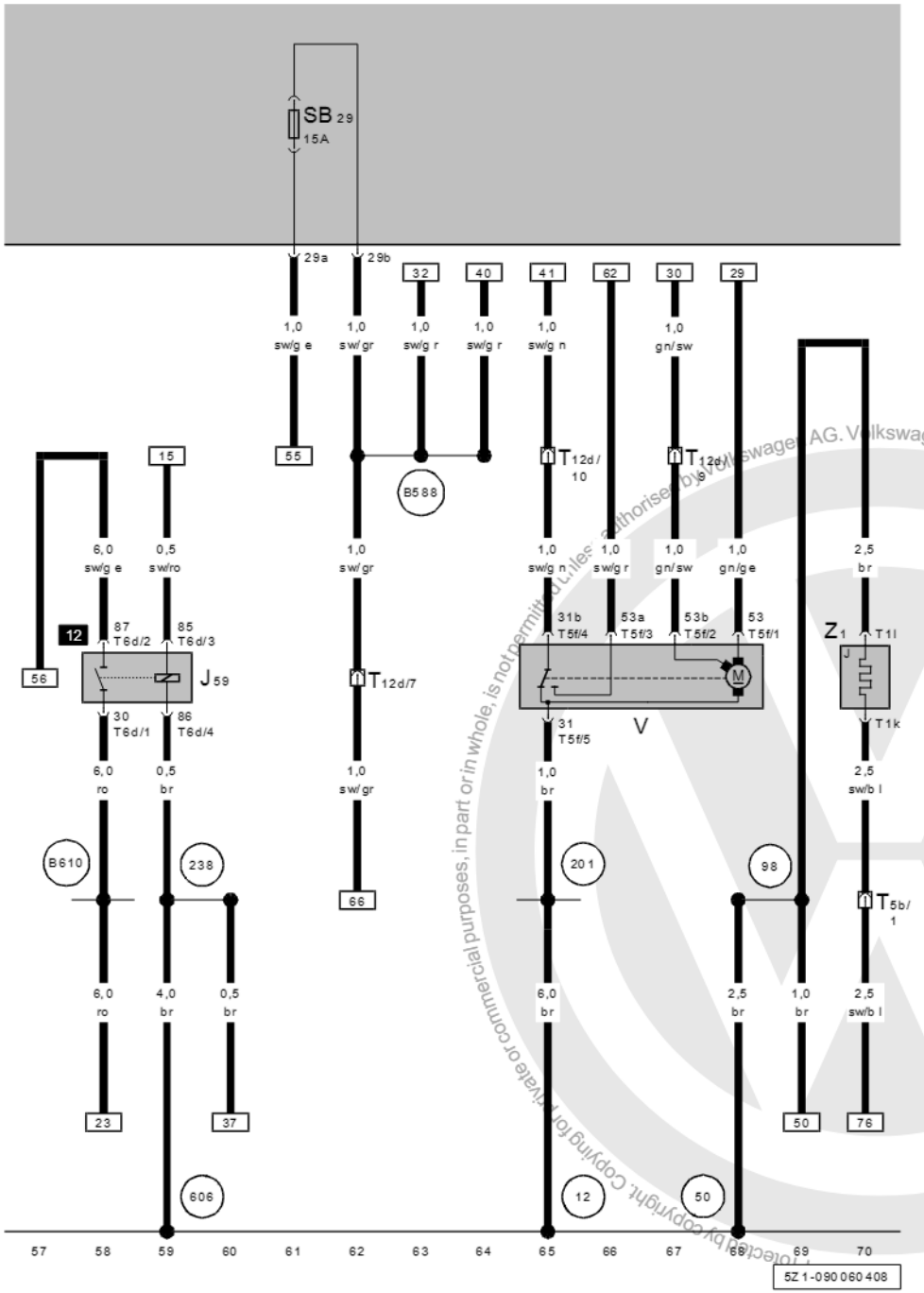


Rear window wiper motor, windscreen and rear window washer pump

SC18	Fuse 18 on fuse holder C
T2ao	2-pin connector, on windscreen and rear window washer pump
T4x	4-pin connector, on rear window wiper motor
T5a	5-pin connector, behind side trim on rear left, near wheel arch
T11c	11-pin connector, in left engine compartment
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
B147	Positive connection 2 (87), in interior wiring harness
B498	Connection 1 (53c), in interior wiring harness
B499	Connection 1 (53c), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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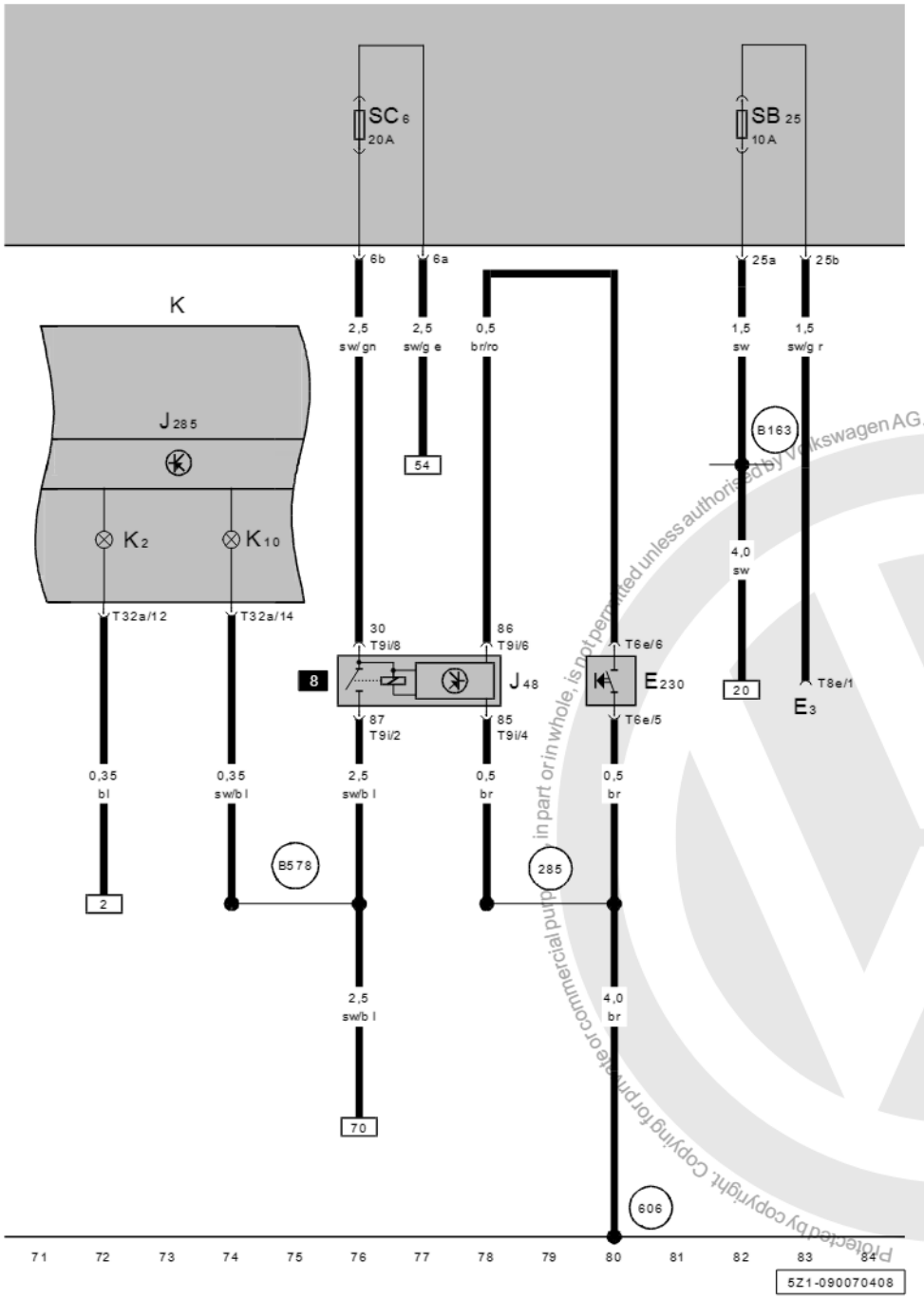


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

X-contact relief relay, windscreen wiper motor, heated rear window

J59	X-contact relief relay
SB29	Fuse 29 on fuse holder B
T1k	Single connector, on heated rear window
T1l	Single connector, on heated rear window
T5b	5-pin connector, behind side trim on rear left, near wheel arch
T5f	5-pin connector, on windscreen wiper motor
T6d	6-pin connector, on X-contact relief relay
T12d	12-pin connector, in left engine compartment
V	Windscreen wiper motor
Z1	Heated rear window
12	Earth point, on left in engine compartment
50	Earth points, on left in luggage compartment
98	Earth connection, in rear lid wiring harness
201	Earth connection 5, in engine compartment wiring harness
238	Earth connection 1, in interior wiring harness
606	Earth connection, in rear lid wiring harness
B588	Positive connection (53a), in interior wiring harness
B610	Connection 6, in interior wiring harness

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Heated rear window button, heated rear window control relay, control unit with display in dash panel insert, dash panel insert, heated rear window warning lamp

E3	Hazard warning light switch
E230	Heated rear window switch
J48	Heated rear window control relay
J285	Control unit with display in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K10	Heated rear window warning lamp
SB25	Fuse 25 on fuse holder B
SC6	Fuse 6 on fuse holder C
T6e	6-pin connector, on heated rear window switch
T8e	8-pin connector, on hazard warning light switch
T9i	9-pin connector, on heated rear window control relay
T32a	32-pin connector, on dash panel insert
285	Earth connection 7, in interior wiring harness
606	Earth point, under the centre console near selector lever
B163	Positive connection 1 (15), in interior wiring harness
B578	Positive connection 2 (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Air conditioning system

⇒ 1,0 l - 4GV - 53-56 kW, engine code CCNA
⇒ 1.6 l/74-76 kW Motronic (07/05/2020), engine code CCRA
from April 2008

⇒ 1.6 l/74 kW Motronic (07.05.30), engine code CFZA
from August 2008

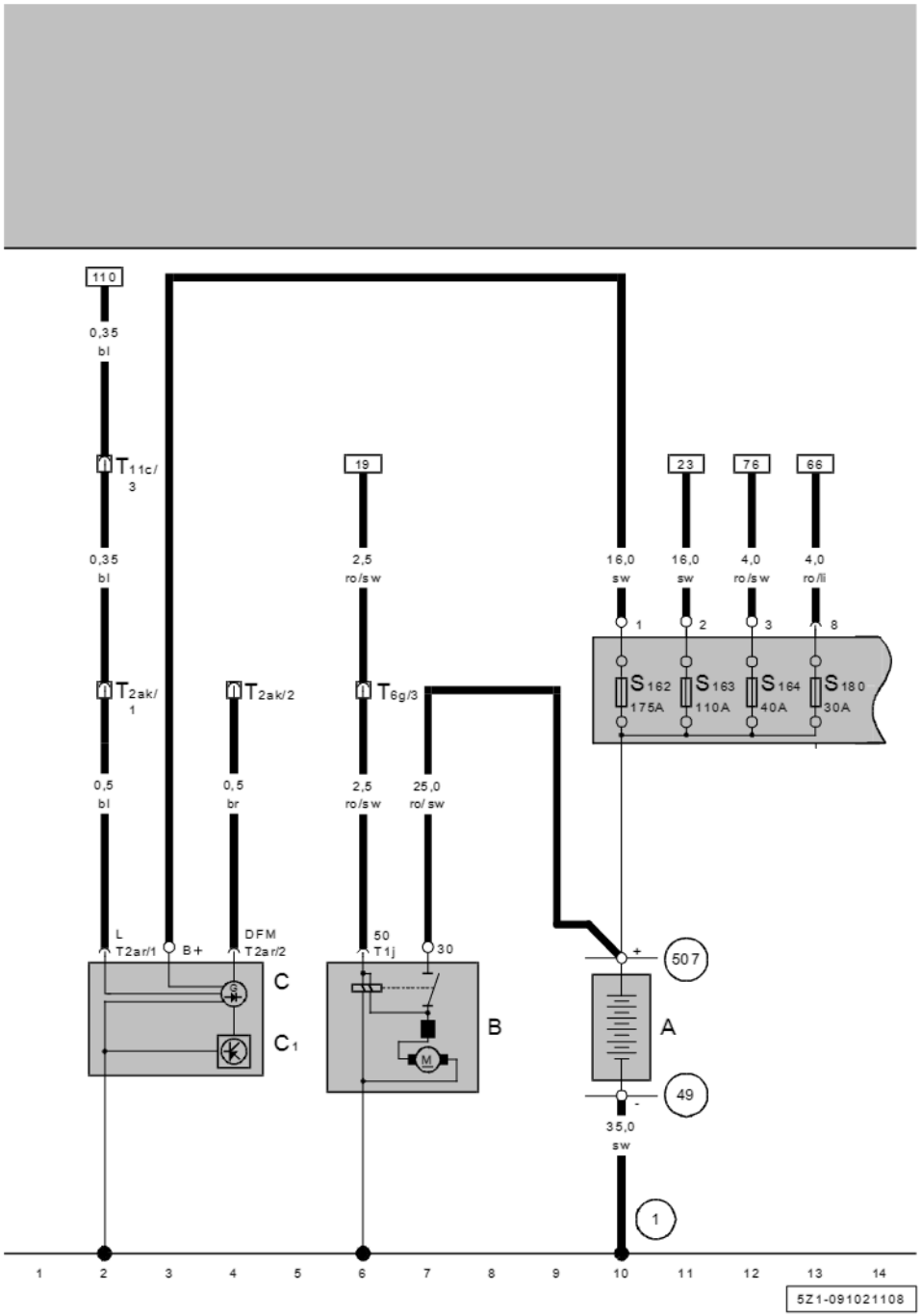
Notes:

For information concerning
- Position of relays and fuses
- Connections
- Control units
- Earth points

⇒ See Fitting Locations
For information concerning
- Fault Finding Programs

⇒ guided fault finding

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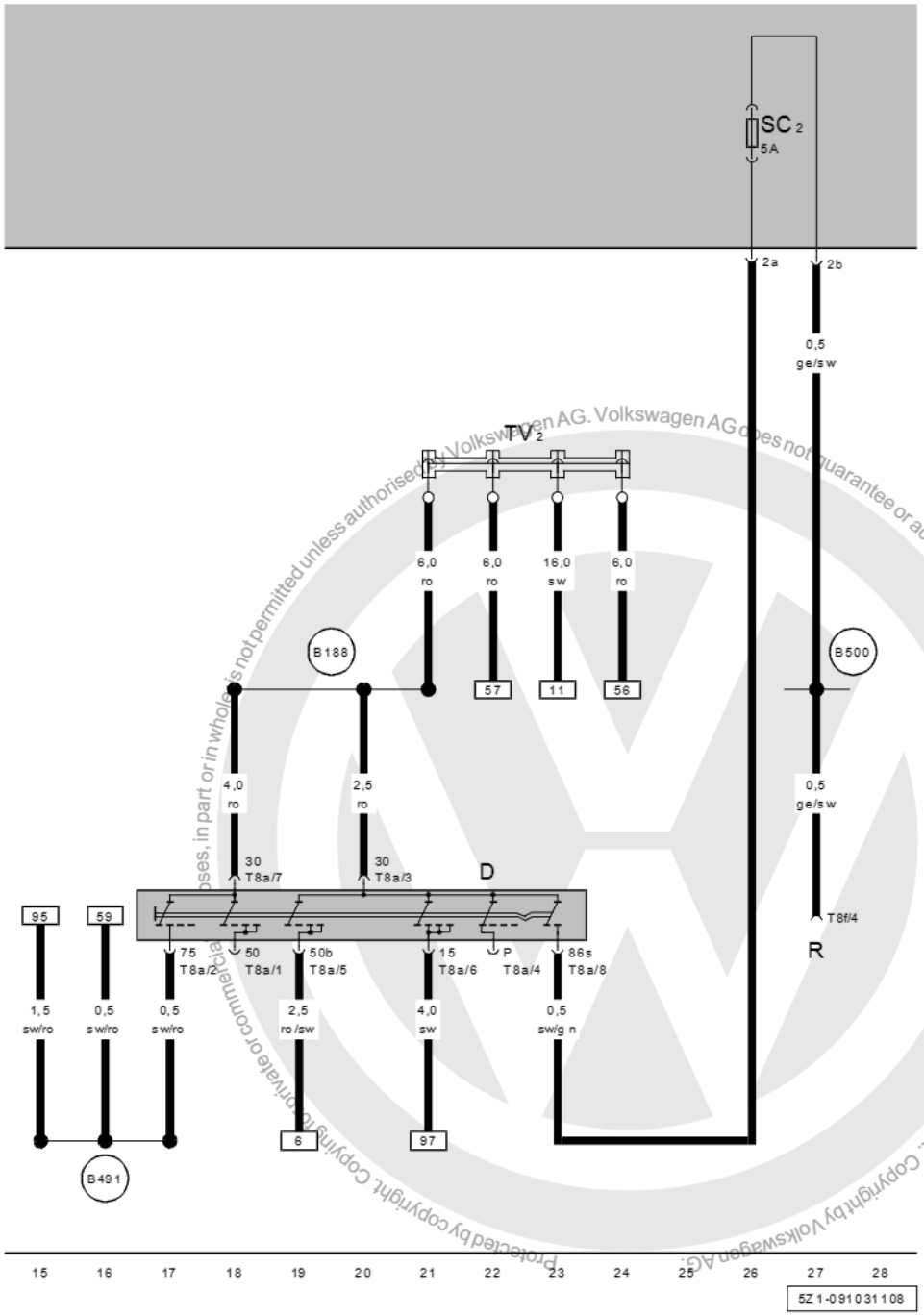


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
S164	Fuse 3 (30) in fuse holder on battery
S180	Fuse 8 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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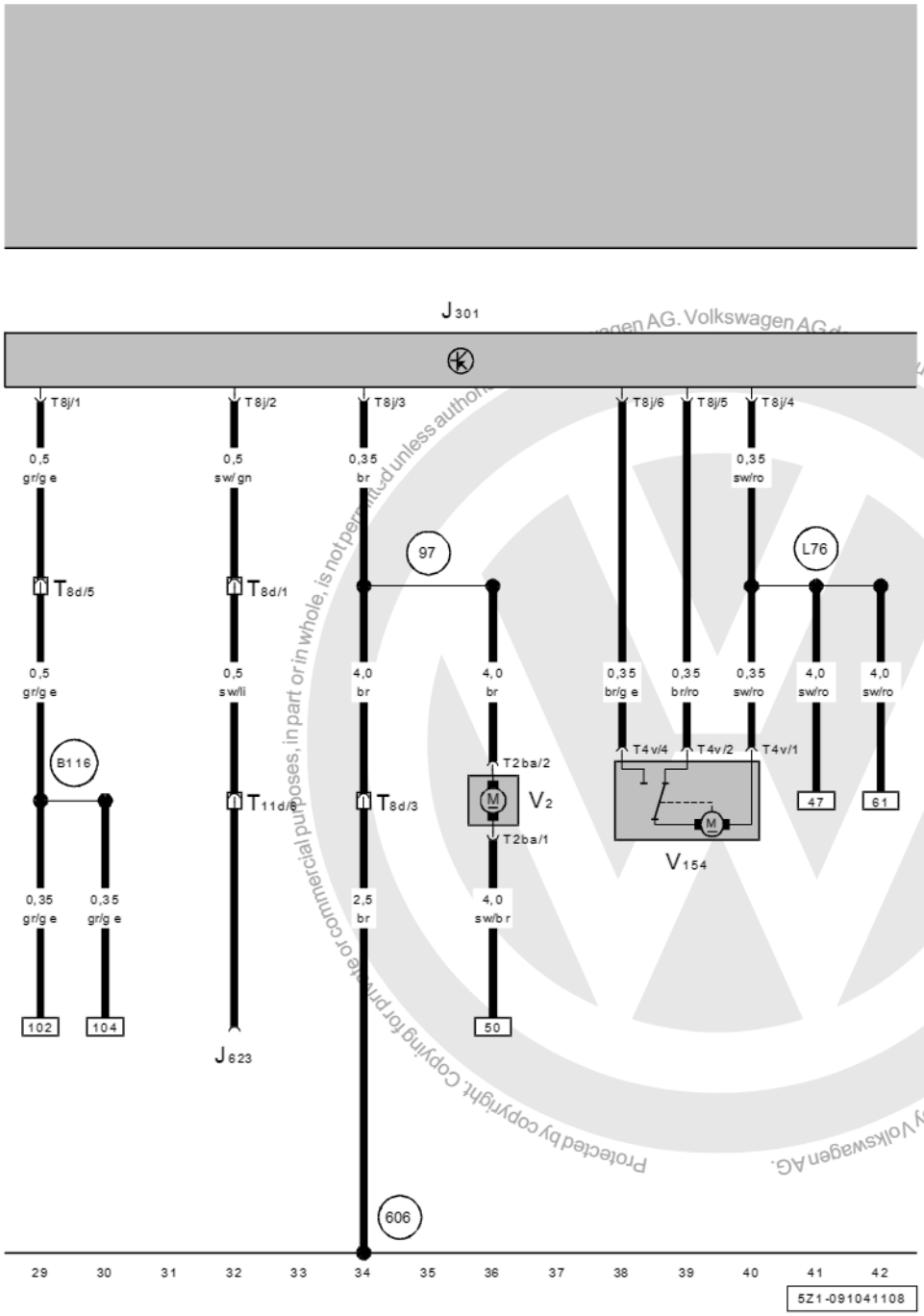


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Ignition/starter switch, terminal 30 wiring junction

D	Ignition/starter switch
R	Radio
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector, on ignition/starter switch
T8f	8-pin connector, on radio
TV2	Terminal 30 wiring junction
B188	Positive connection 5 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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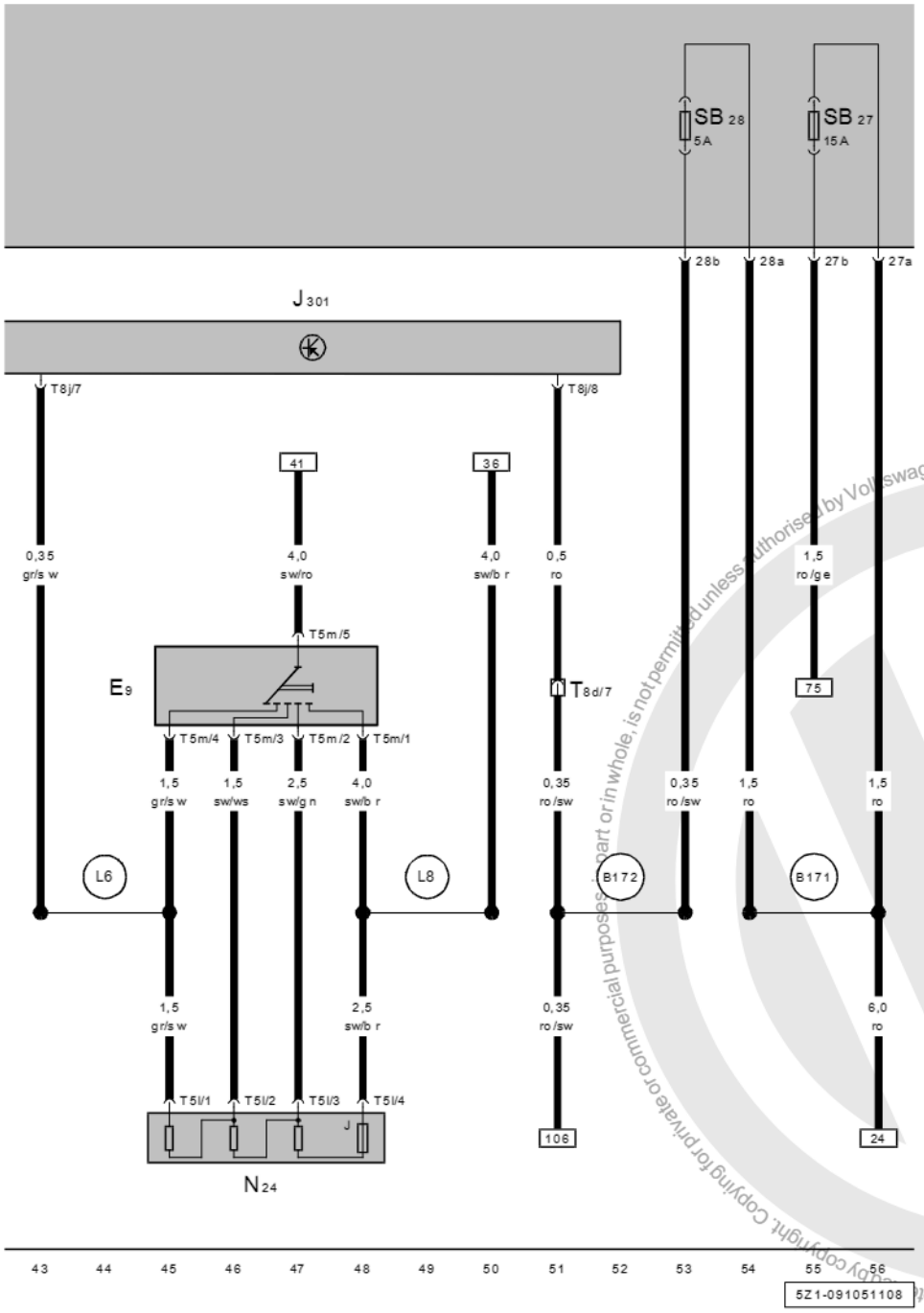


Air conditioning system control unit, fresh air blower, fresh air/recirculated air flap control motor

J301	Air conditioning system control unit
J623	Engine control unit
T2ba	2-pin connector, on fresh air blower
T4v	4-pin connector, on fresh air and air recirculation flap control motor
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
T11d	11-pin connector, in left engine compartment
V2	Fresh air blower
V154	Fresh air/recirculated air flap control motor
97	Earth connection 1, in air conditioning system wiring harness
606	Earth point, under the centre console near selector lever
B116	Connection (58d), in interior wiring harness
L76	Connection (87), in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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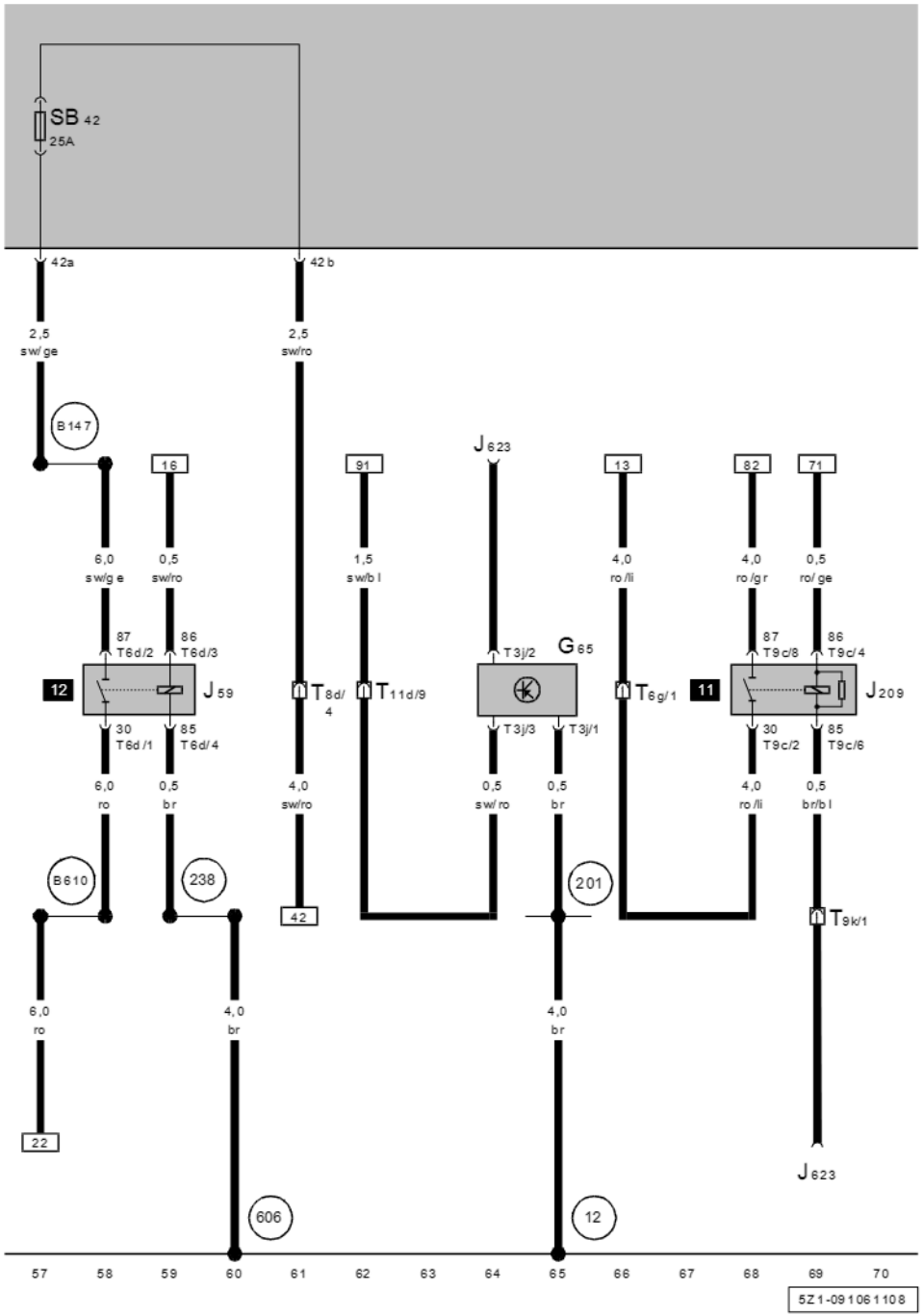


Fresh air blower switch, air conditioning system control unit, fresh air blower series resistor with overheating fuse

E9	Fresh air blower switch
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
SB28	Fuse 28 on fuse holder B
T5l	5-pin connector, on fresh air blower series resistor with overheating fuse
T5m	5-pin connector, on fresh air blower switch
T8d	8-pin connector, behind centre dash panel
T8j	8-pin connector, on air conditioning system control unit
B171	Positive connection 3 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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High-pressure sender, X-contact relief relay, fresh air blower relay and radiator fan

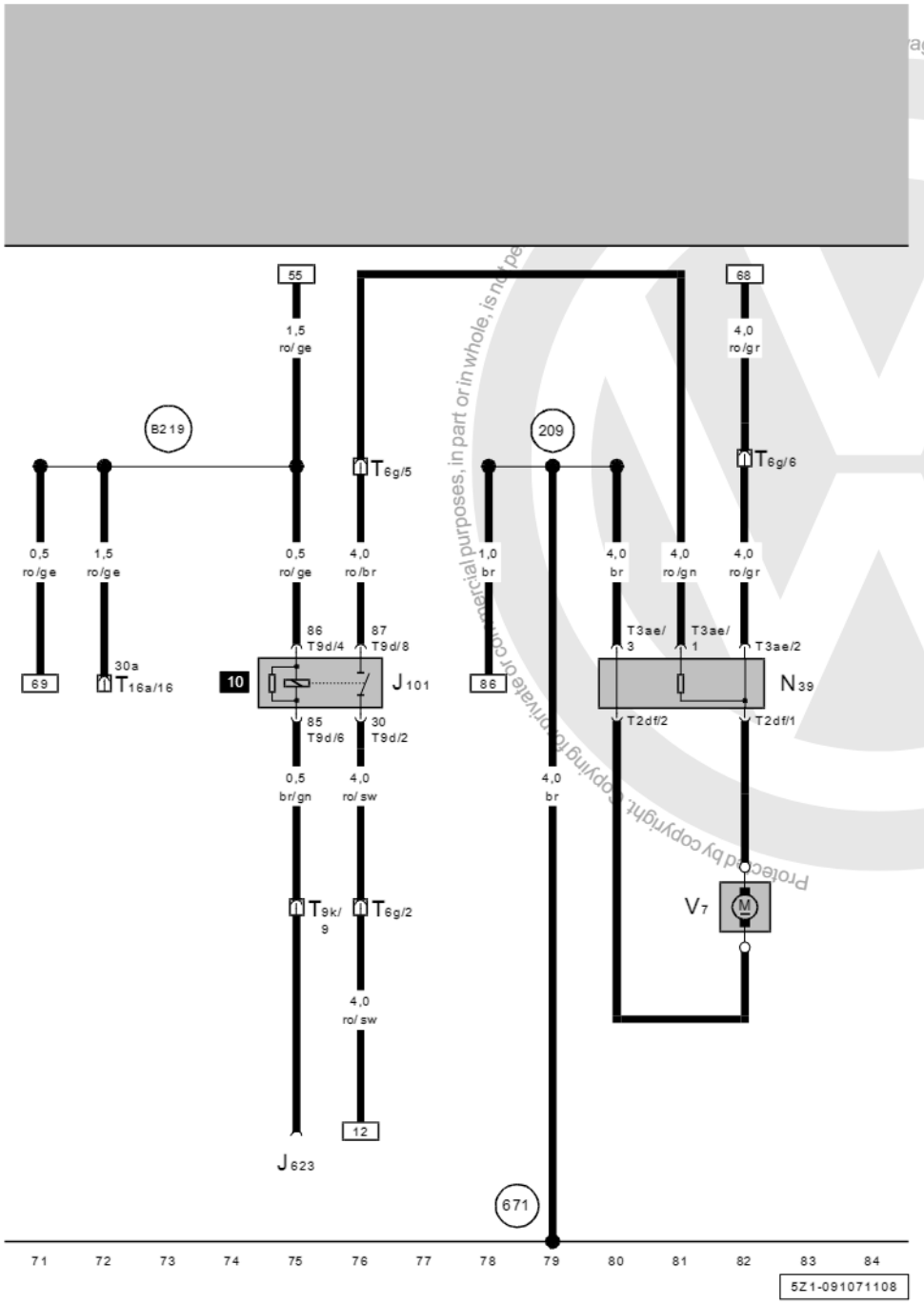
G65	High pressure sender
J59	X-contact relief relay
J209	Fresh air blower and radiator fan relay
J623	Engine control unit
SB27	Fuse 27 on fuse holder B
SB42	Fuse 42 on fuse holder B
T3j	3-pin connector, on high pressure sender
T6d	6-pin connector, on X-contact relief relay
T6g	6-pin connector, in left engine compartment
T8d	8-pin connector, behind centre dash panel
T9c	9-pin connector, on fresh air blower and radiator fan relay
T9k	9-pin connector, in left engine compartment
T11d	11-pin connector, in left engine compartment
12	Earth point, on left in engine compartment
201	Earth connection 5, in engine compartment wiring harness
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near selector lever
B147	Positive connection 2 (87), in interior wiring harness
B610	Connection 6, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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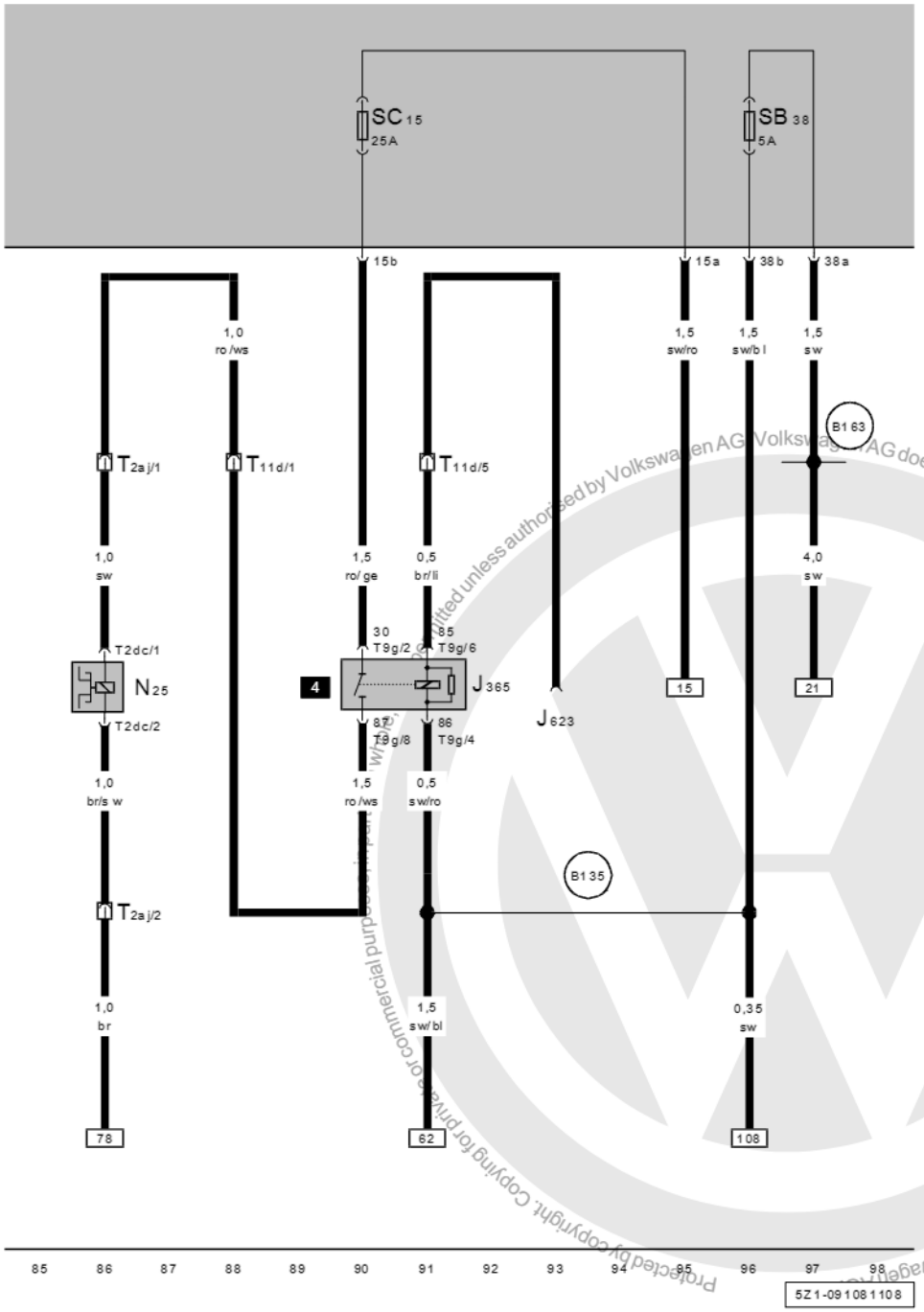
Radiator fan 2nd speed relay, radiator fan series resistor, radiator fan

J101	Radiator fan 2nd speed relay
J623	Engine control unit
N39	Radiator fan series resistor
T2df	2-pin connector, on radiator fan
T3ae	3-pin connector, on radiator fan series resistor
T6g	6-pin connector, in left engine compartment
T9d	9-pin connector, on radiator fan 2nd speed relay
T9k	9-pin connector, in left engine compartment
T16a	16-pin connector, diagnostic
V7	Radiator fan
209	Earth connection 6, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
B219	Positive connection 12 (30a), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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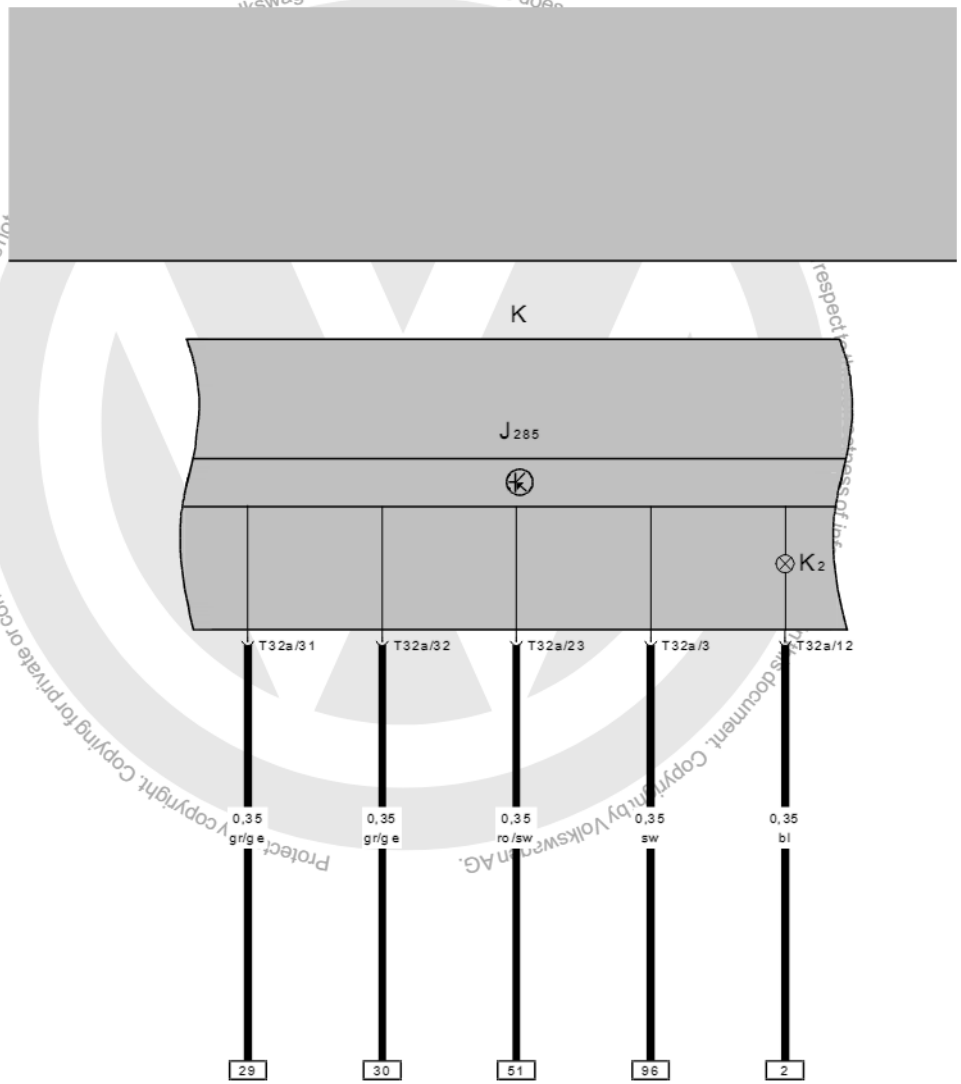


Air conditioning system switch-off relay, air conditioning system magnetic coupling

J365	Air conditioning system switch-off relay
J623	Engine control unit
N25	Air conditioning system magnetic coupling
SB38	Fuse 38 on fuse holder B
SC15	Fuse 15 on fuse holder C
T2aj	2-pin connector, on right in engine compartment
T2dc	2-pin connector, on air conditioning system magnetic clutch
T9g	9-pin connector, on air conditioning system switch-off relay
T11d	11-pin connector, in left engine compartment
B135	Positive connection 1 (15a), in interior wiring harness
B163	Positive connection 1 (15), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit with display in dash panel insert, dash panel insert, alternator warning lamp

J285	Control unit with display in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
T32a	32-pin connector, on dash panel insert

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Double airbag

from August 2006

Notes:

For information concerning

- Position of relays and fuses
- Connections
- Control units
- Earth points

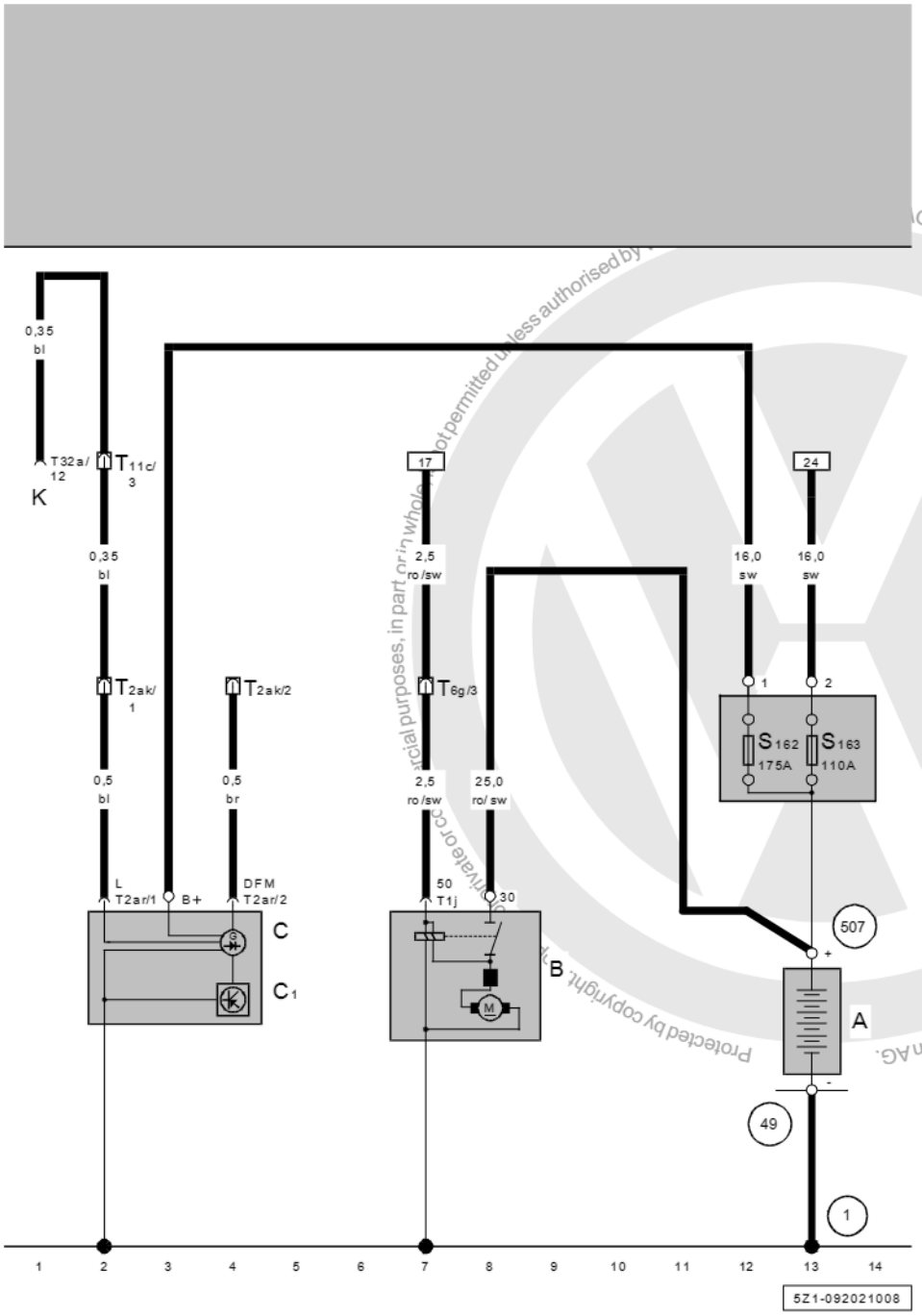
⇒ See Fitting Locations

For information concerning

- Fault Finding Programs

⇒ guided fault finding

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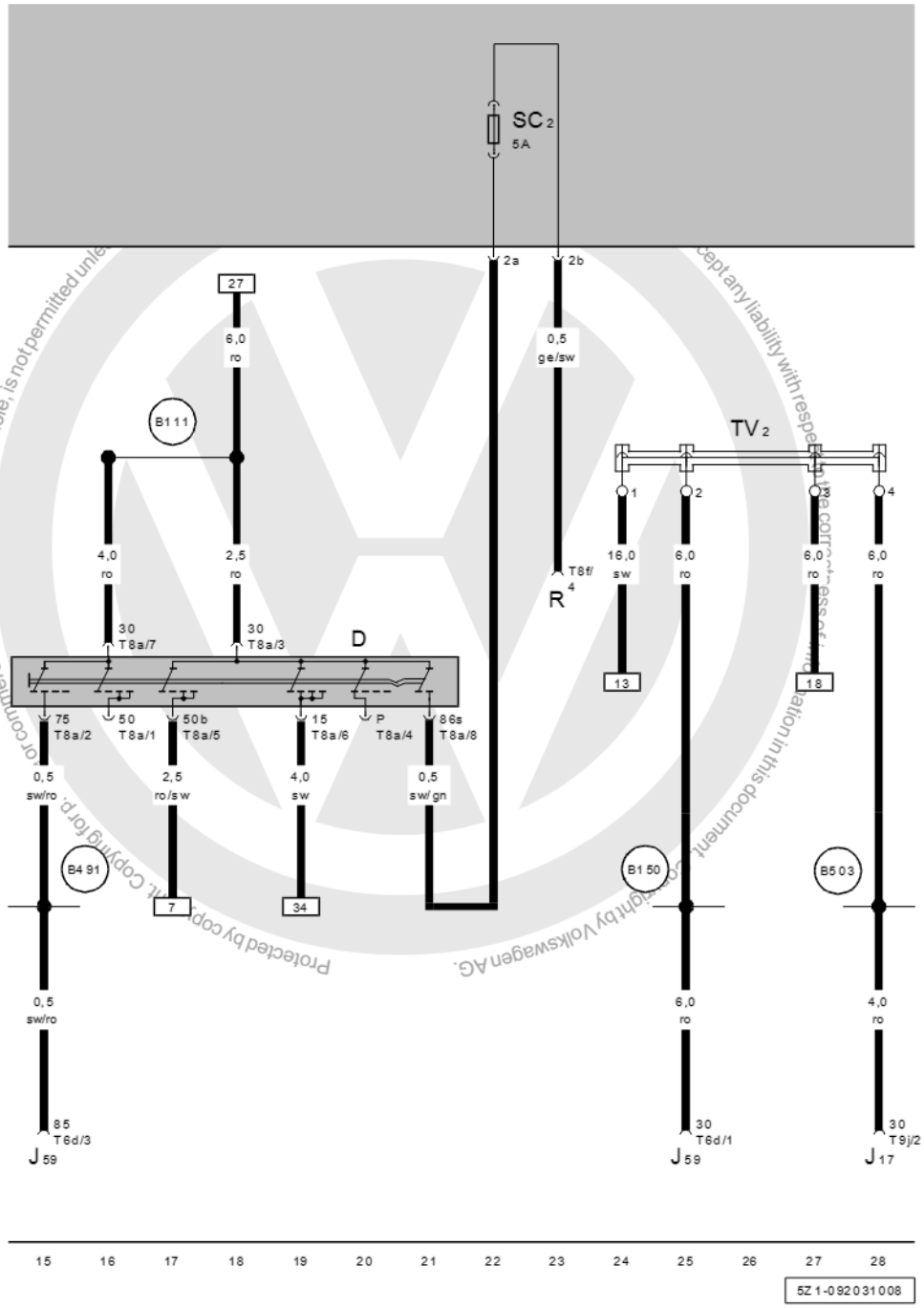


Battery, starter, alternator, voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
K	Dash panel insert
S162	Fuse 1 (30) in fuse holder on battery
S163	Fuse 2 (30) in fuse holder on battery
T1j	Single pin connector, on starter
T2ak	2-pin connector, in front engine compartment
T2ar	2-pin connector, on alternator
T6g	6-pin connector, in left engine compartment
T11c	11-pin connector, in left engine compartment
T32a	32-pin connector, on dash panel insert
1	Earth strap, battery - body
49	Earth point, near battery
507	Screw connection (30), on fuse holder on battery

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Ignition/starter switch, terminal 30 wiring junction

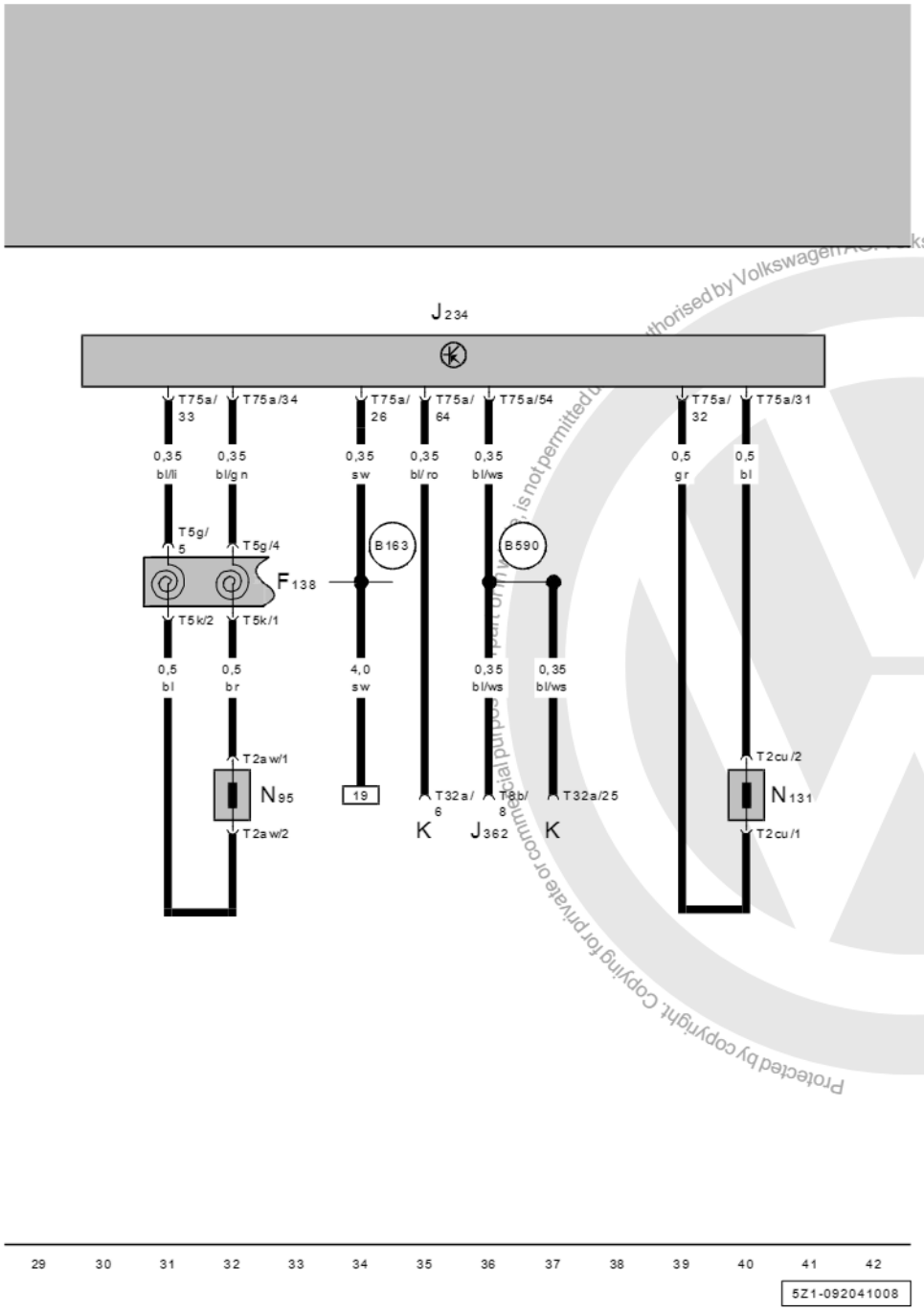
D	Ignition/starter switch
J17	Fuel pump relay
J59	X-contact relief relay
R	Radio
SC2	Fuse 2 on fuse holder C
T6d	6-pin connector, on X-contact relief relay
T8a	8-pin connector, on ignition/starter switch
T8f	8-pin connector, on radio
T9j	9-pin connector, on fuel pump relay
TV2	Terminal 30 wiring junction
B111	Positive connection 1 (30a), in interior wiring harness
B150	Positive connection 2 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B503	Positive connection 7 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Airbag coil connector and return ring with slip ring, airbag control unit, driver side airbag igniter, front passenger side airbag igniter 1

F138	Airbag coil connector and return spring with slip ring
J234	Airbag control unit
J362	Immobilizer control unit
K	Dash panel insert
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
T2aw	2-pin connector, on driver side airbag igniter
T2cu	2-pin connector, on front passenger side airbag igniter 1
T5g	5-pin connector, on airbag coil connector and return spring with slip ring
T5k	5-pin connector, on airbag coil connector and return spring with slip ring
T8b	8-pin connector, on immobilizer control unit
T32a	32-pin connector, on dash panel insert
T75a	75-pin connector, on airbag control unit
B163	Positive connection 1 (15), in interior wiring harness
B590	Connection (K-diagnosis wiring), in interior wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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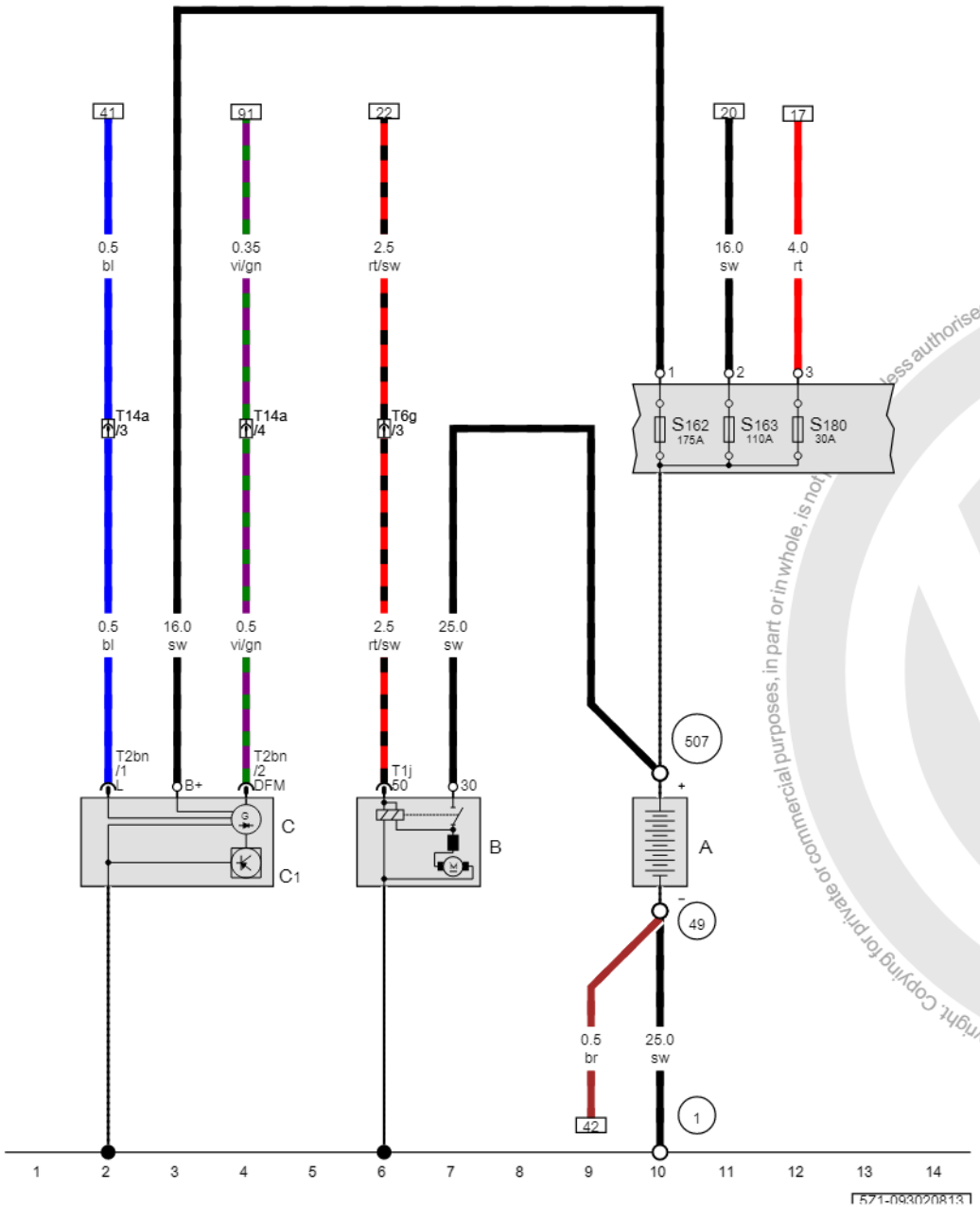
1.2l petrol engine , CHFA,CHFB,(F6G)

From June 2009

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Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S180	Fuse 8 (30), in battery fuse holder
T1j	Single connector
T2bn	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

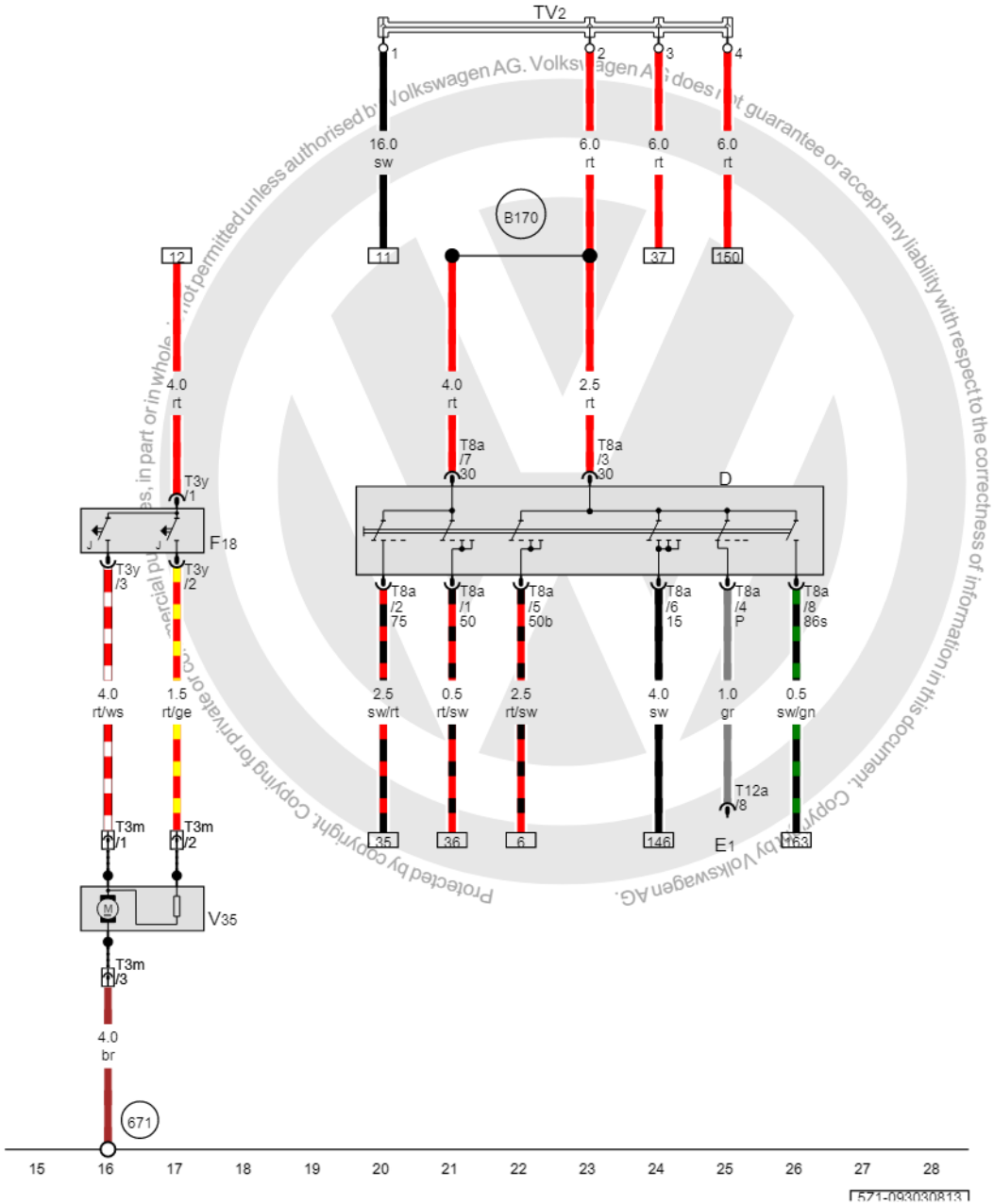


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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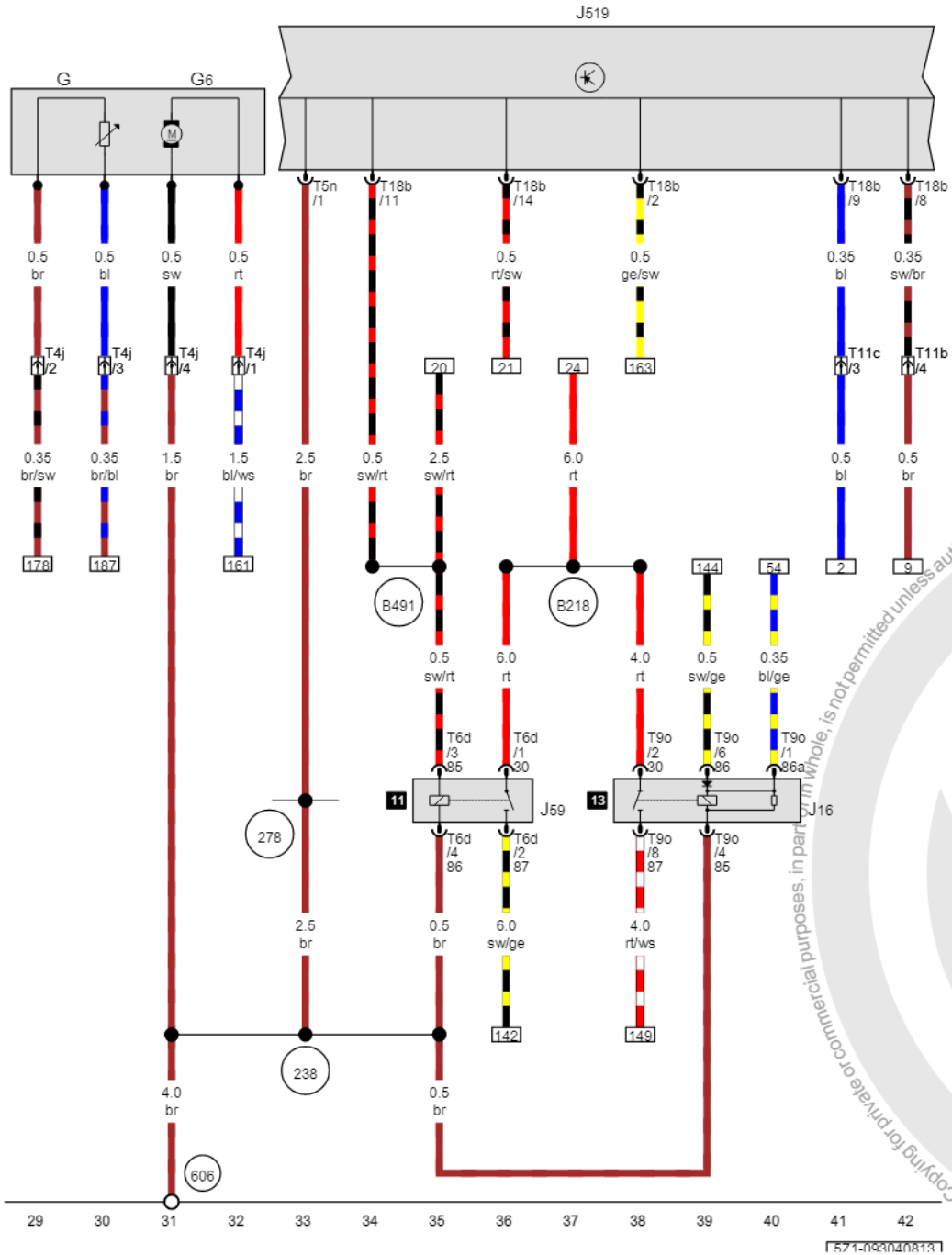
Ignition/starter switch, Radiator fan thermal switch, Terminal 30 wiring junction, Right radiator fan

D	Ignition/starter switch
E1	Light switch
F18	Radiator fan thermal switch
T3m	3-pin connector
T3y	3-pin connector
T8a	8-pin connector
T12a	12-pin connector
TV2	Terminal 30 wiring junction
V35	Right radiator fan
671	Earth point 1, on front of left longitudinal member
B170	Positive connection 2 (30), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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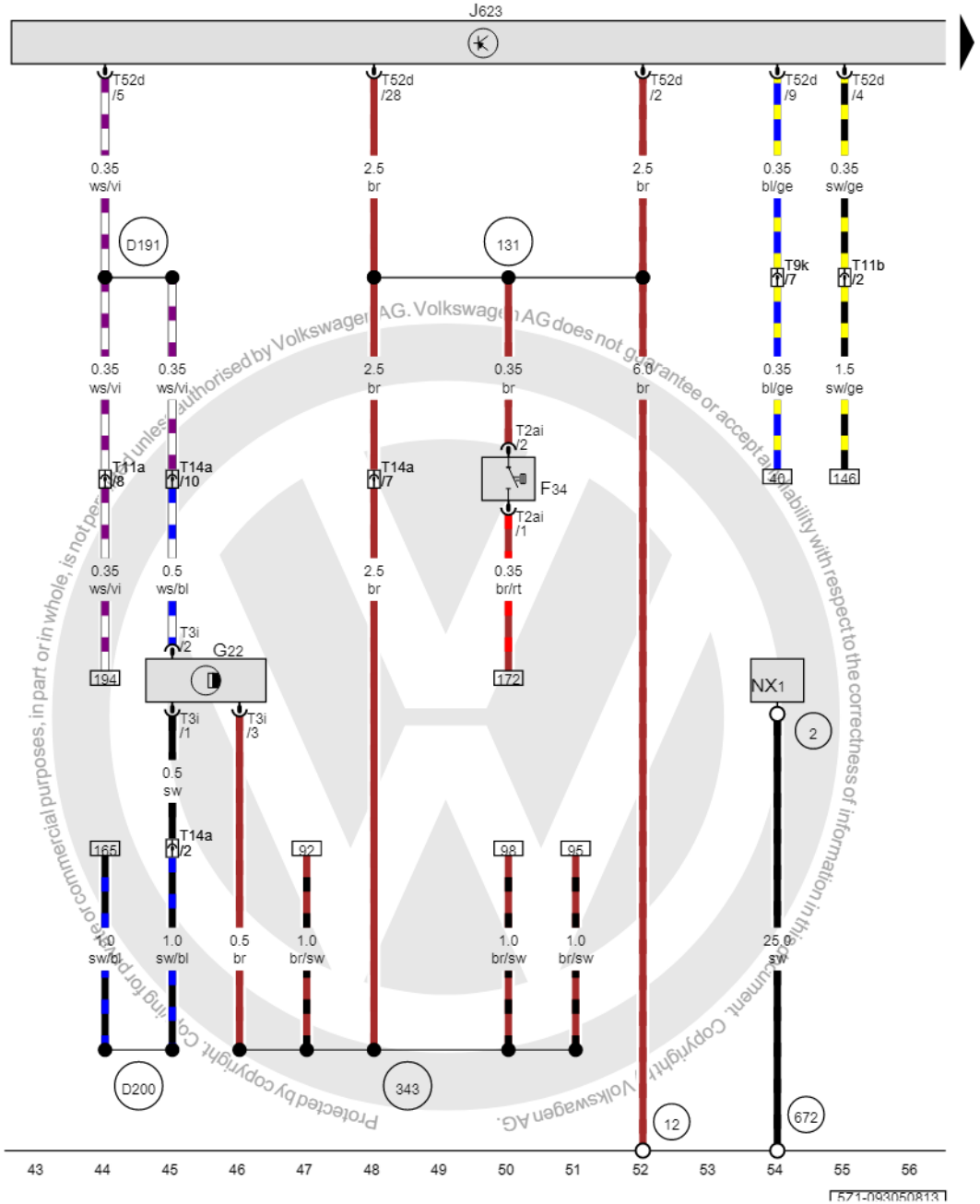


Fuel gauge sender, Fuel system pressurisation pump, Current supply relay, X-contact relief relay, Onboard supply control unit

G	Fuel gauge sender
G6	Fuel system pressurisation pump
J16	Current supply relay
J59	X-contact relief relay
J519	Onboard supply control unit
T4j	4-pin connector
T5n	5-pin connector
T6d	6-pin connector
T9o	9-pin connector
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
238	Earth connection 1, in interior wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near gear stick
B218	Positive connection 6 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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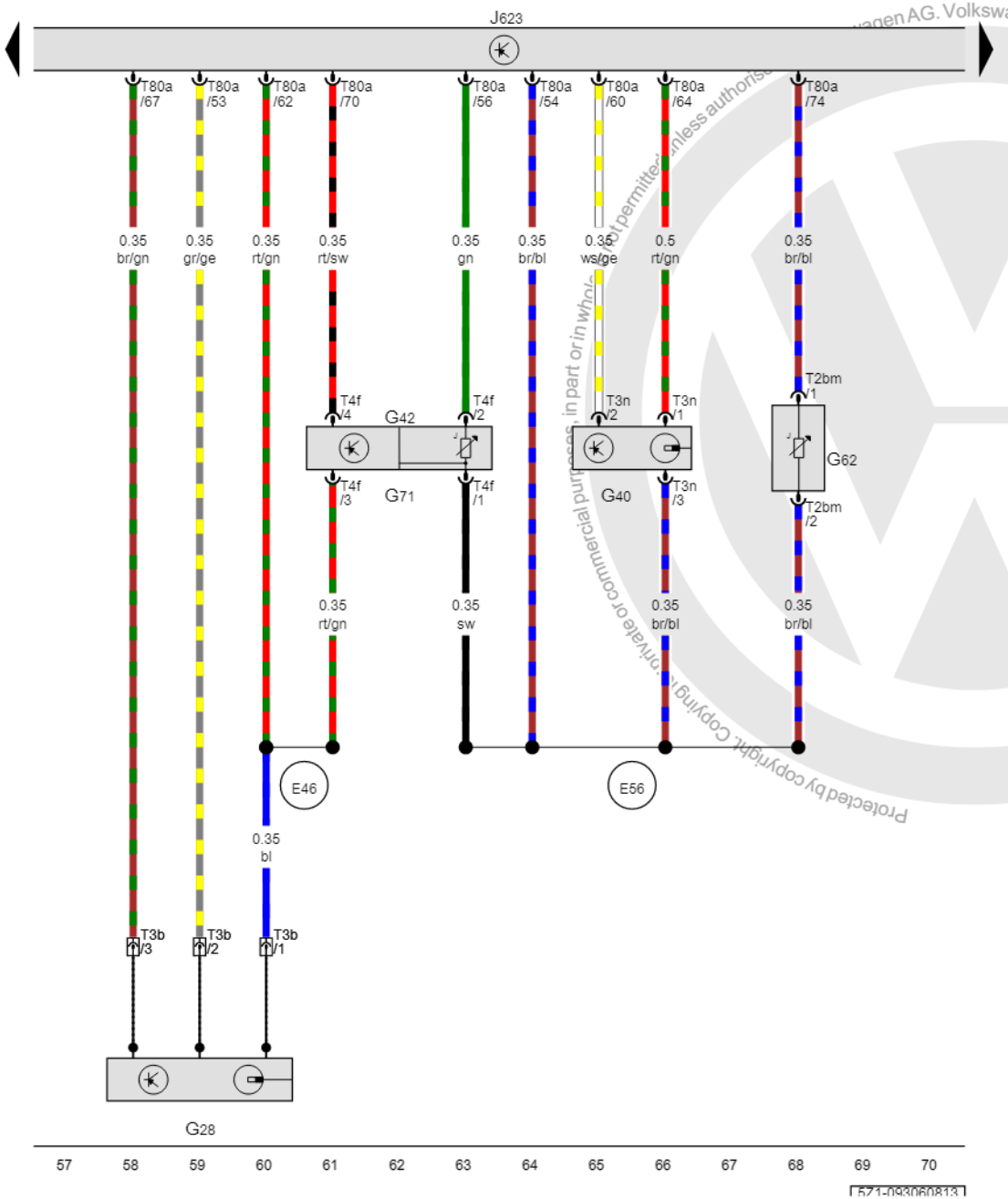


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rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake fluid level warning contact, Speedometer sender, Engine control unit, Gearbox

F34	Brake fluid level warning contact
G22	Speedometer sender
J623	Engine control unit
NX1	Gearbox
T2ai	2-pin connector
T3i	3-pin connector
T9k	9-pin connector, on left in plenum chamber
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T52d	52-pin connector
2	Earth strap, gearbox - body
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
343	Earth connection (ignition coil), in injection system wiring harness
672	Earth point 2, on front of left longitudinal member
D191	Speed sender connection, in engine compartment wiring harness
D200	Positive connection 3 (15a), in engine compartment wiring harness

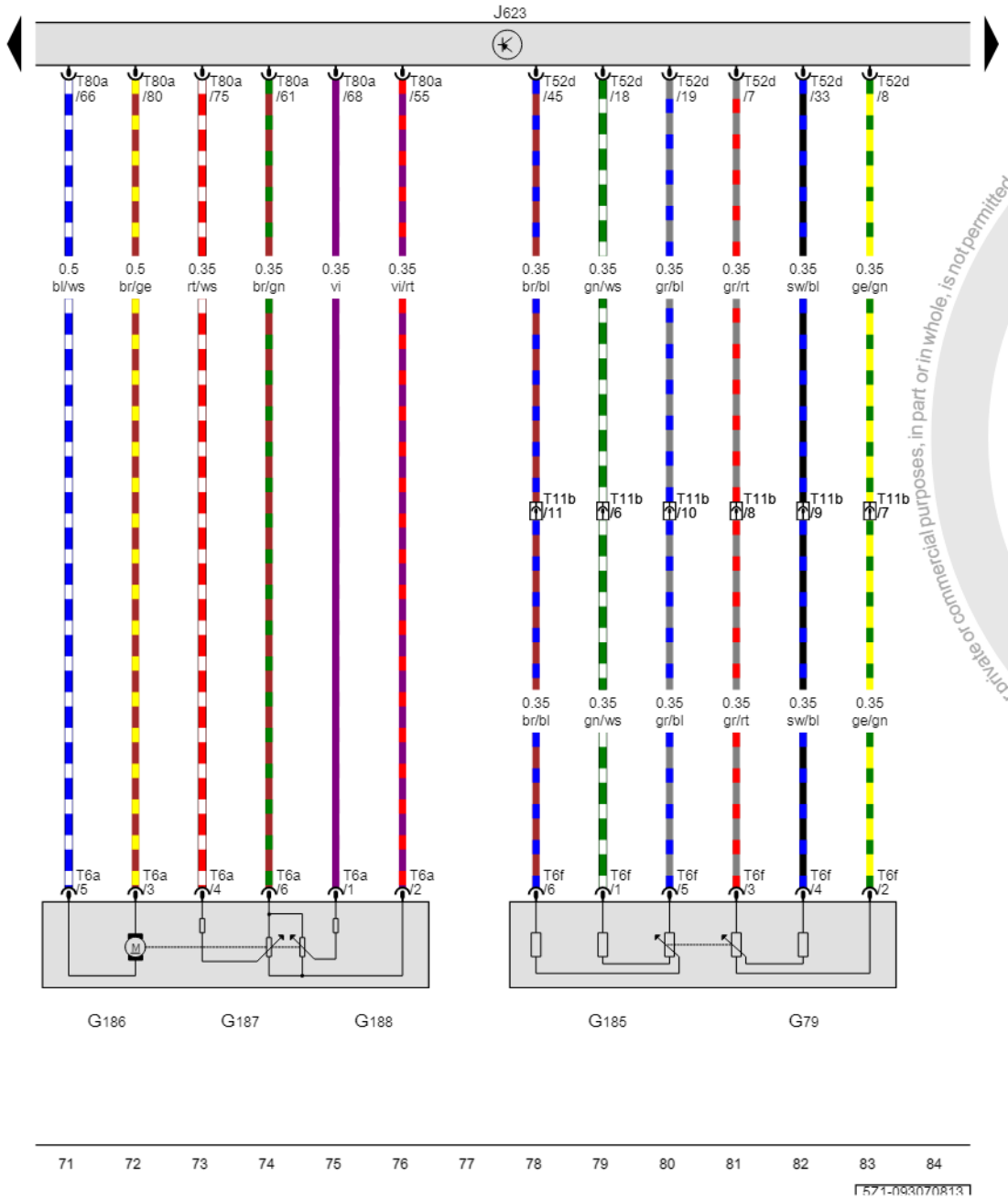


Engine speed sender, Hall sender, Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender, Engine control unit

G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G71	Intake manifold pressure sender
J623	Engine control unit
T2bm	2-pin connector
T3b	3-pin connector
T3n	3-pin connector
T4f	4-pin connector
T80a	80-pin connector
E46	Positive connection 1 (5 Volt) in injection system wiring harness
E56	Connection 1, in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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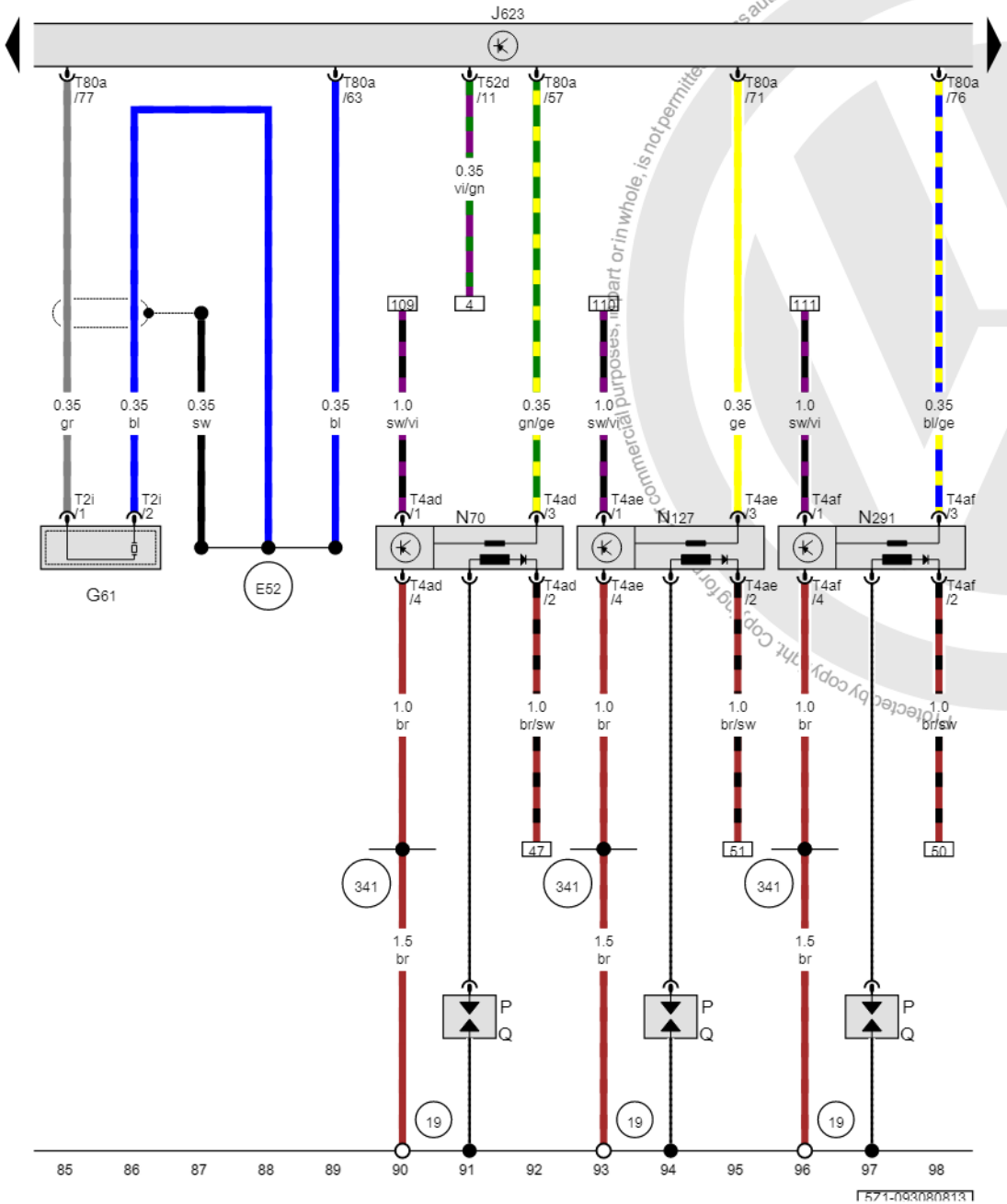


Accelerator position sender, Accelerator position sender 2, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J623	Engine control unit
T6a	6-pin connector
T6f	6-pin connector
T11b	11-pin connector, on left in plenum chamber
T52d	52-pin connector
T80a	80-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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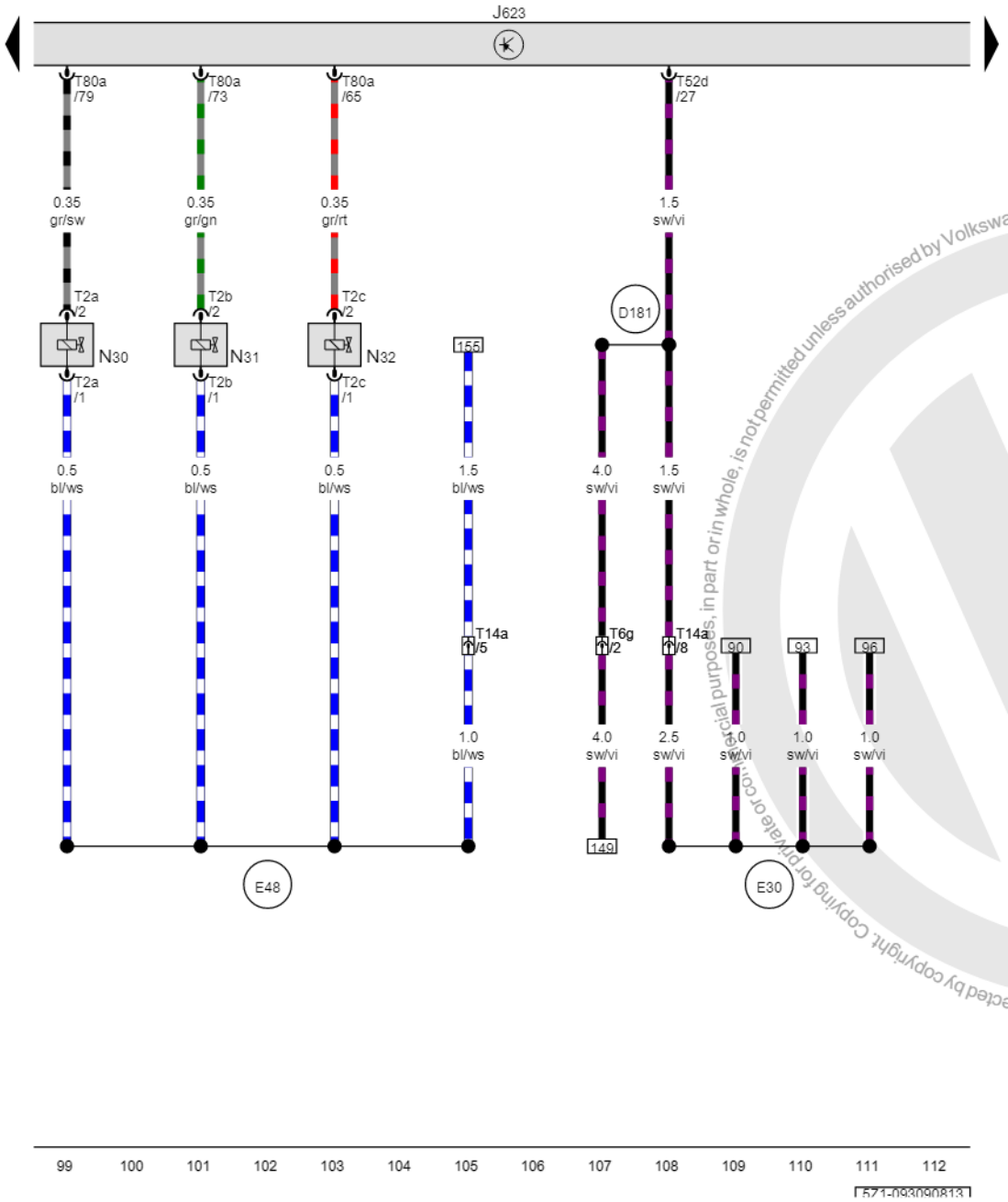


Knock sensor 1, Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Spark plug connector, Spark plugs

G61	Knock sensor 1
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
P	Spark plug connector
Q	Spark plugs
T2i	2-pin connector
T4ad	4-pin connector
T4ae	4-pin connector
T4af	4-pin connector
T52d	52-pin connector
T80a	80-pin connector
19	Earth point, near coil
341	Earth connection 3, in injection system wiring harness
E52	Connection (screening), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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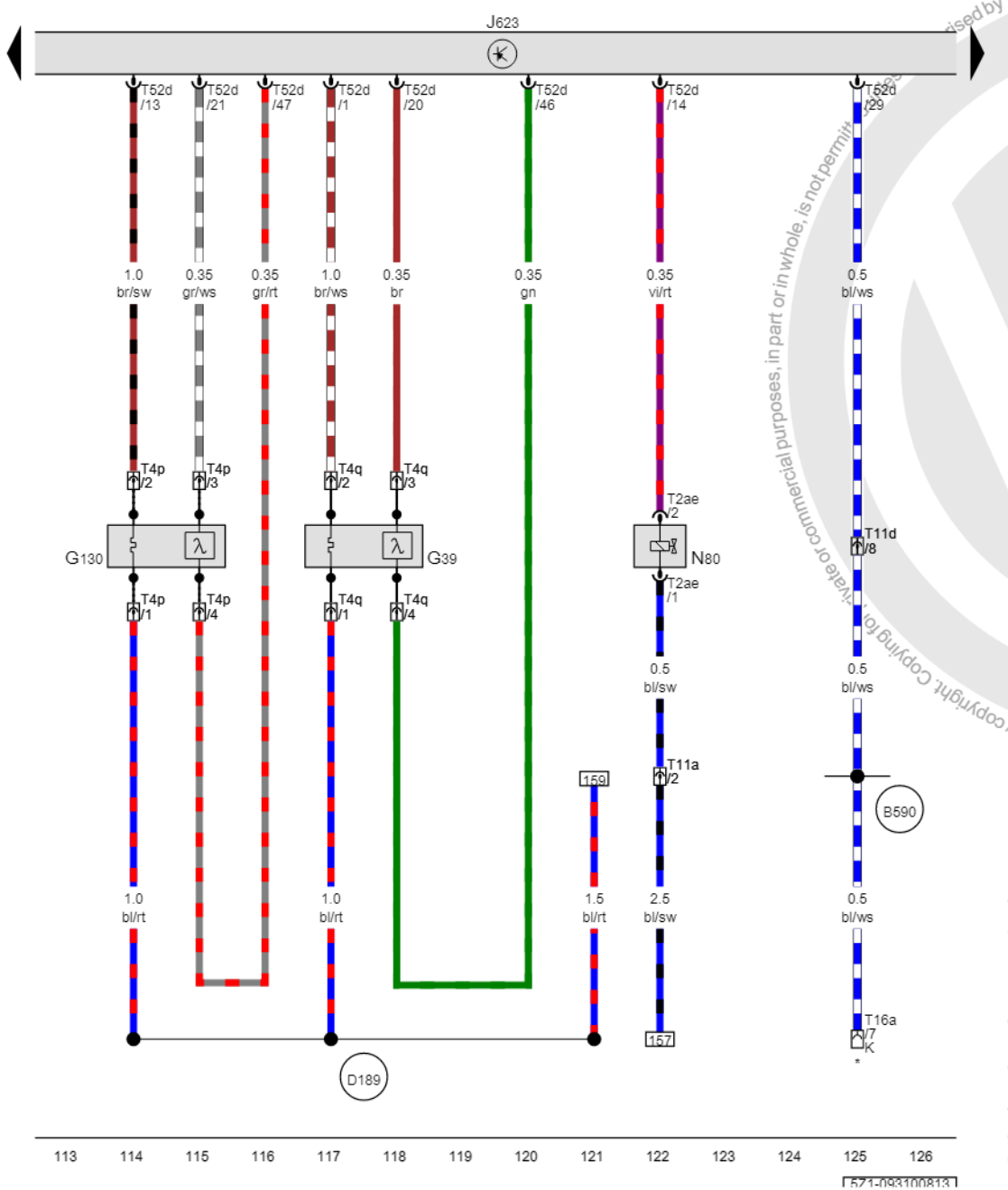
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
T2a	2-pin connector
T2b	2-pin connector
T2c	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T52d	52-pin connector
T80a	80-pin connector
D181	Connection 2 (87a) in engine compartment wiring harness
E30	Connection (87a), in engine wiring harness
E48	Connection (injectors), in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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Lambda probe, Lambda probe after catalytic converter, Engine control unit, Activated charcoal filter solenoid valve 1

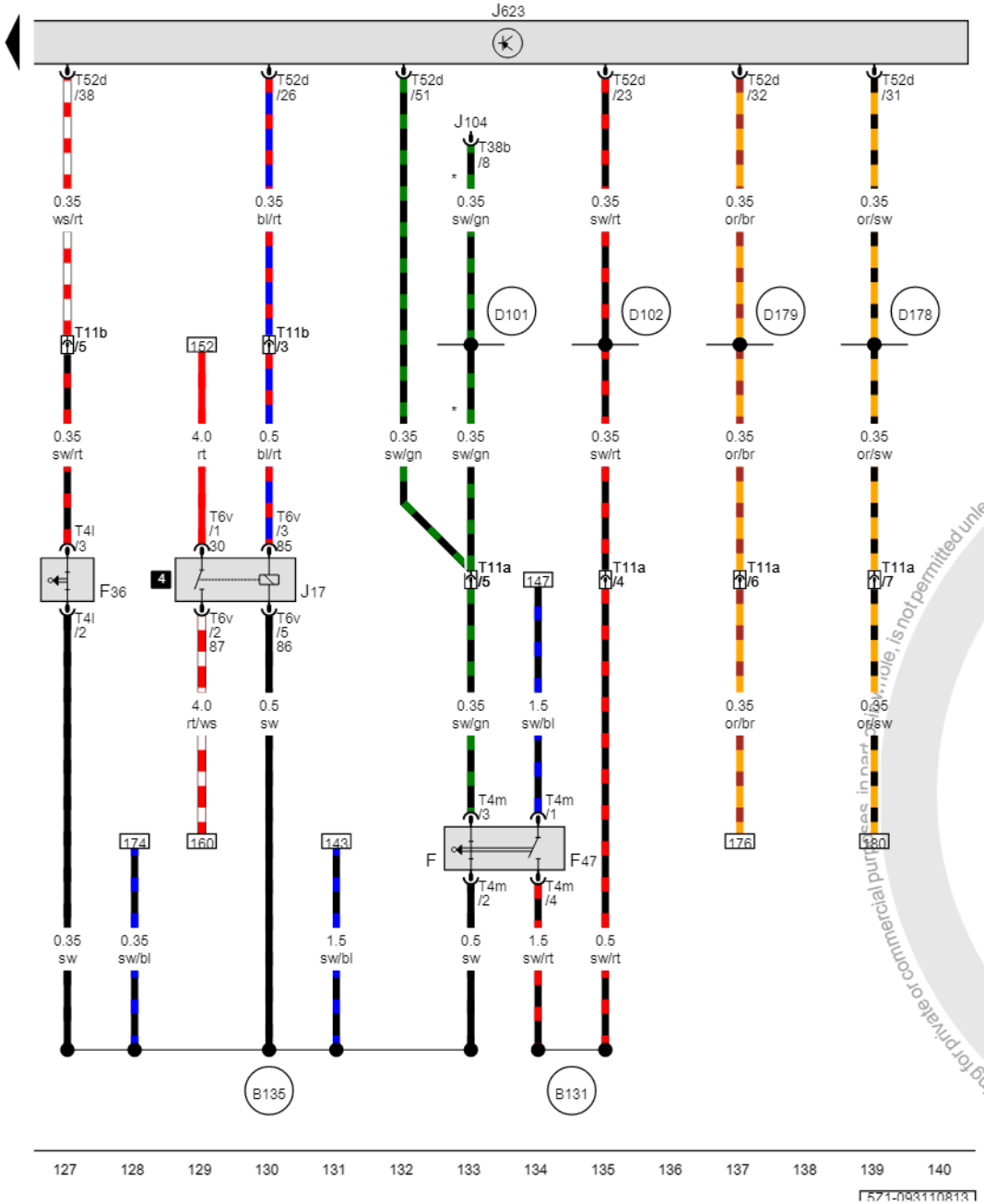


G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
T2ae	2-pin connector
T4p	4-pin connector
T4q	4-pin connector
T11a	11-pin connector, on left in plenum chamber
T11d	11-pin connector, on left in plenum chamber
T16a	16-pin connector
T52d	52-pin connector
B590	K-diagnosis wire connection, in interior wiring harness
D189	Connection (87a) in engine prewiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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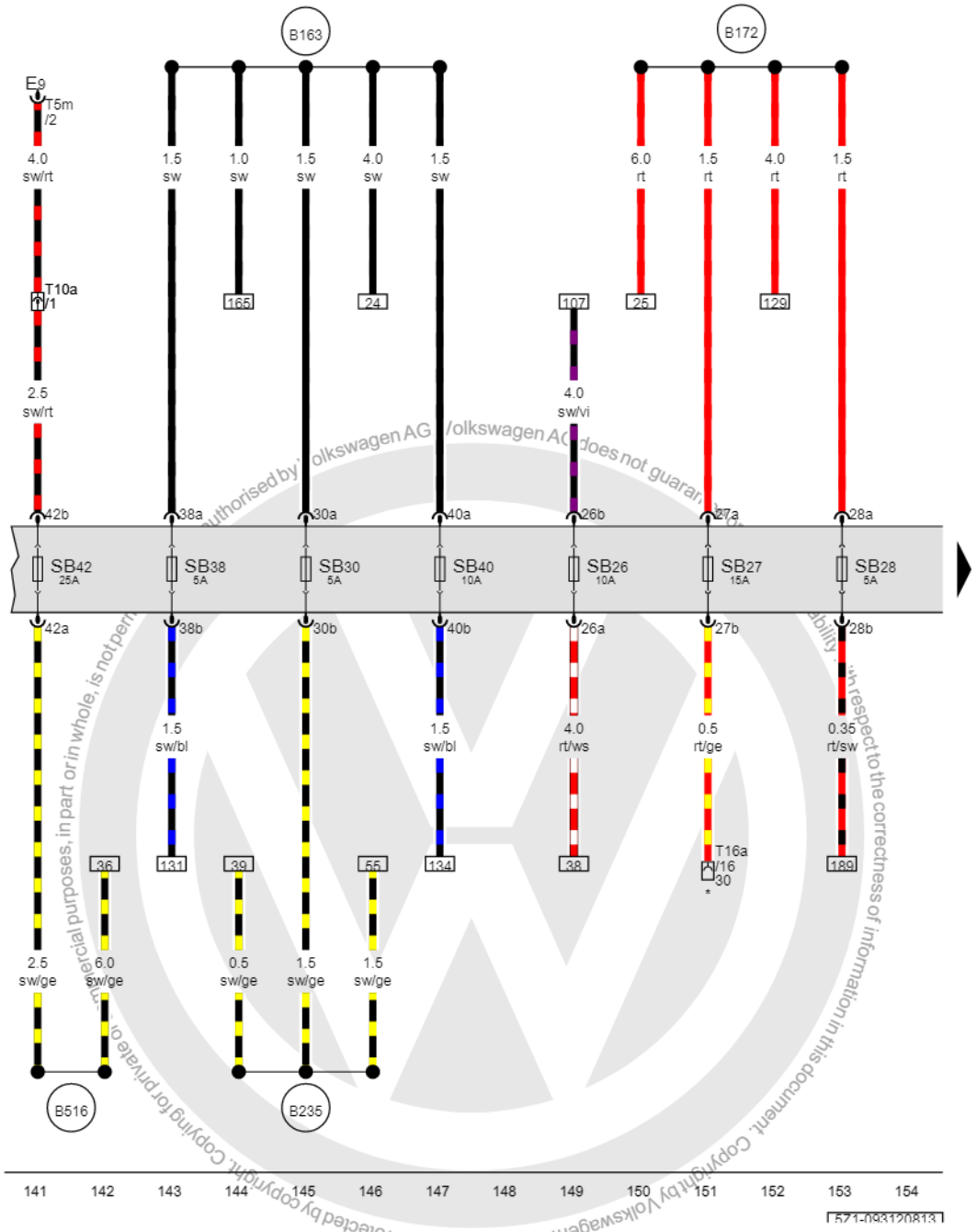
Brake light switch, Clutch pedal switch, Brake pedal switch, Fuel pump relay, Engine control unit



F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
J17	Fuel pump relay
J104	ABS control unit
J623	Engine control unit
T4l	4-pin connector
T4m	4-pin connector
T6v	6-pin connector
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T38b	38-pin connector
T52d	52-pin connector
B131	Connection (54), in interior wiring harness
B135	Connection 1 (15a), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D178	Connection 2 (high bus), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness
*	Only models with anti-lock brake system (ABS) and electronic stabilisation program (ESP)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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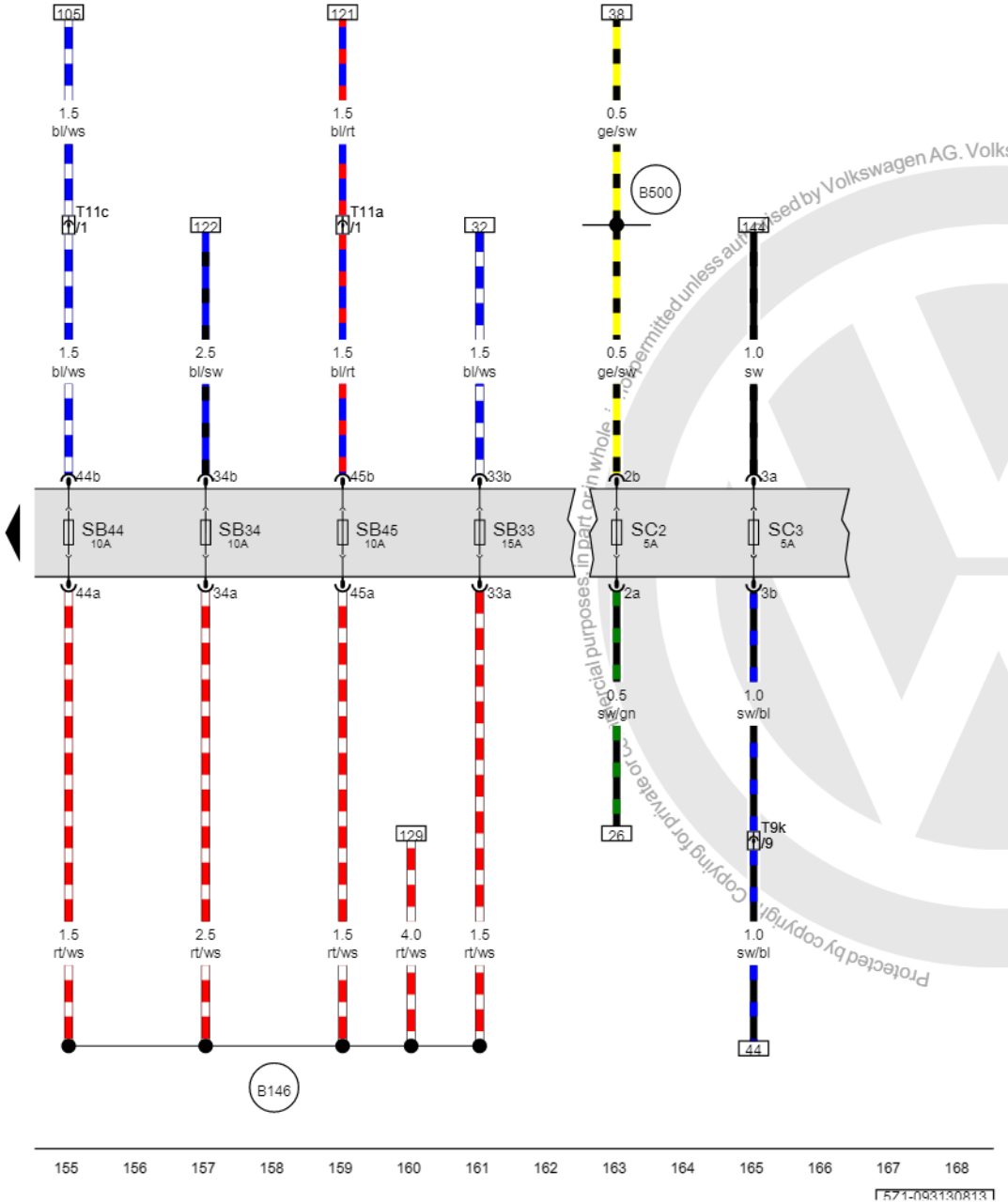


Fuse 26 on fuse holder B, Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 30 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B, Fuse 42 on fuse holder B

E9	Fresh air blower switch
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
SB42	Fuse 42 on fuse holder B
T5m	5-pin connector
T10a	10-pin connector, behind dash panel, right
T16a	16-pin connector
B163	Positive connection 1 (15), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B235	Positive connection 4 (15a), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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ge	=	yellow
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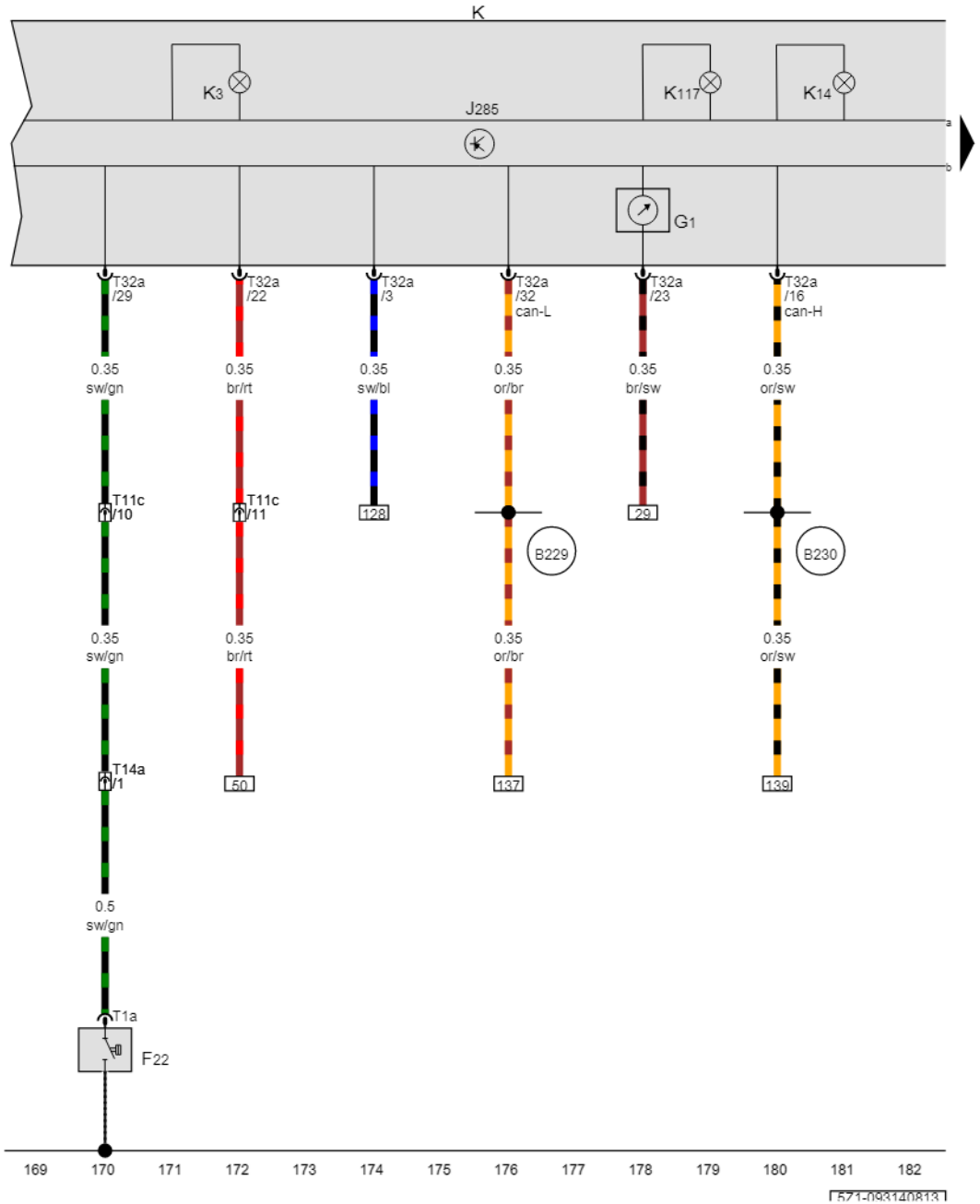


Fuse 2 on fuse holder C, Fuse 3 on fuse holder C, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SB33	Fuse 33 on fuse holder B
SB34	Fuse 34 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
T9k	9-pin connector, on left in plenum chamber
T11a	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
B146	Positive connection 1 (87), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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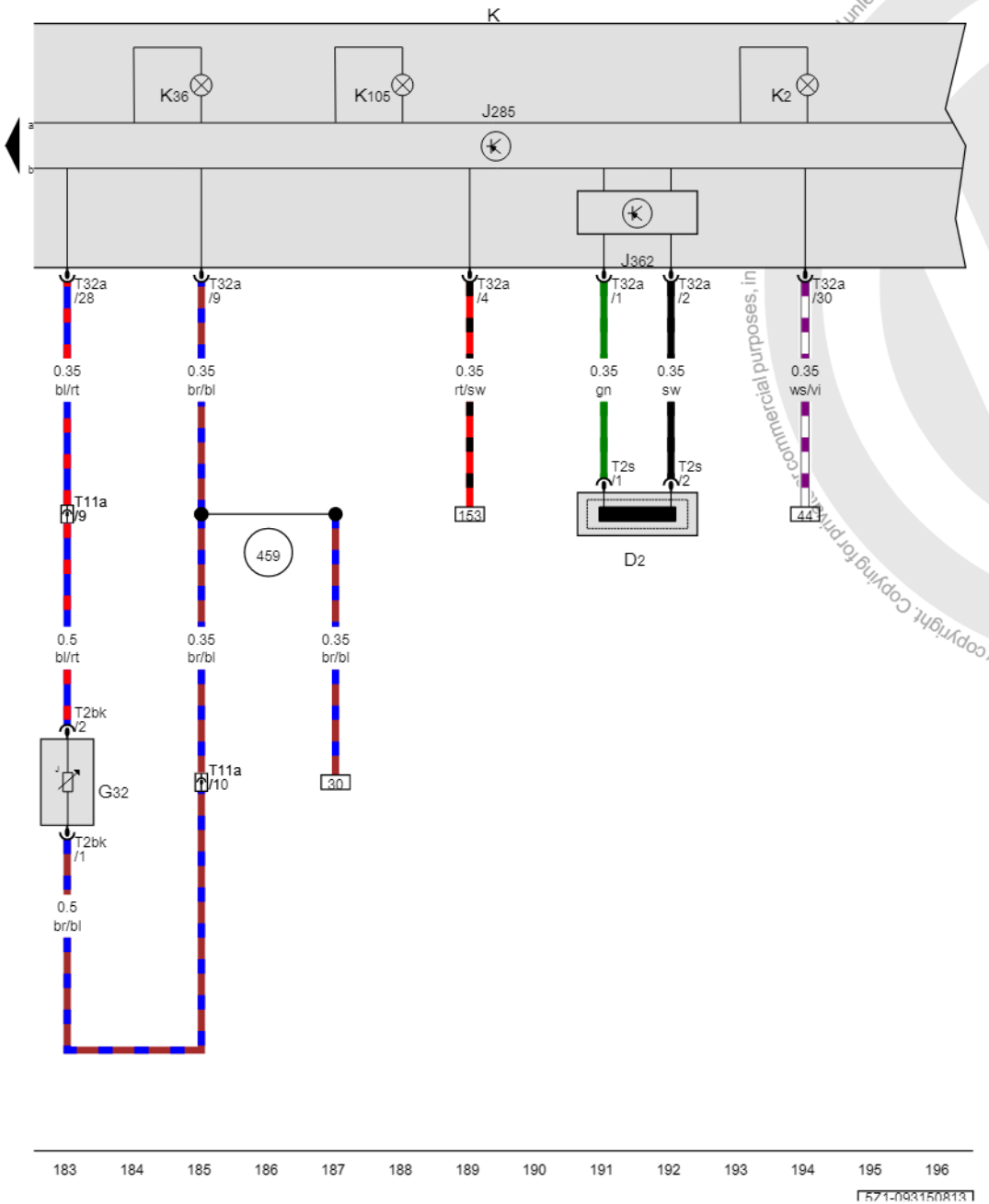
Oil pressure switch, Fuel gauge, Control unit in dash panel insert, Dash panel insert, Oil pressure warning lamp, Handbrake warning lamp, Immobiliser warning lamp

F22	Oil pressure switch
G1	Fuel gauge
J285	Control unit in dash panel insert
K	Dash panel insert
K3	Oil pressure warning lamp
K14	Handbrake warning lamp
K117	Immobiliser warning lamp
T1a	Single connector
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T32a	32-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Immobiliser reader coil, Coolant shortage indicator sender, Control unit in dash panel insert, Immobiliser control unit, Dash panel insert, Alternator warning lamp, Coolant shortage warning lamp, Reserve fuel warning lamp

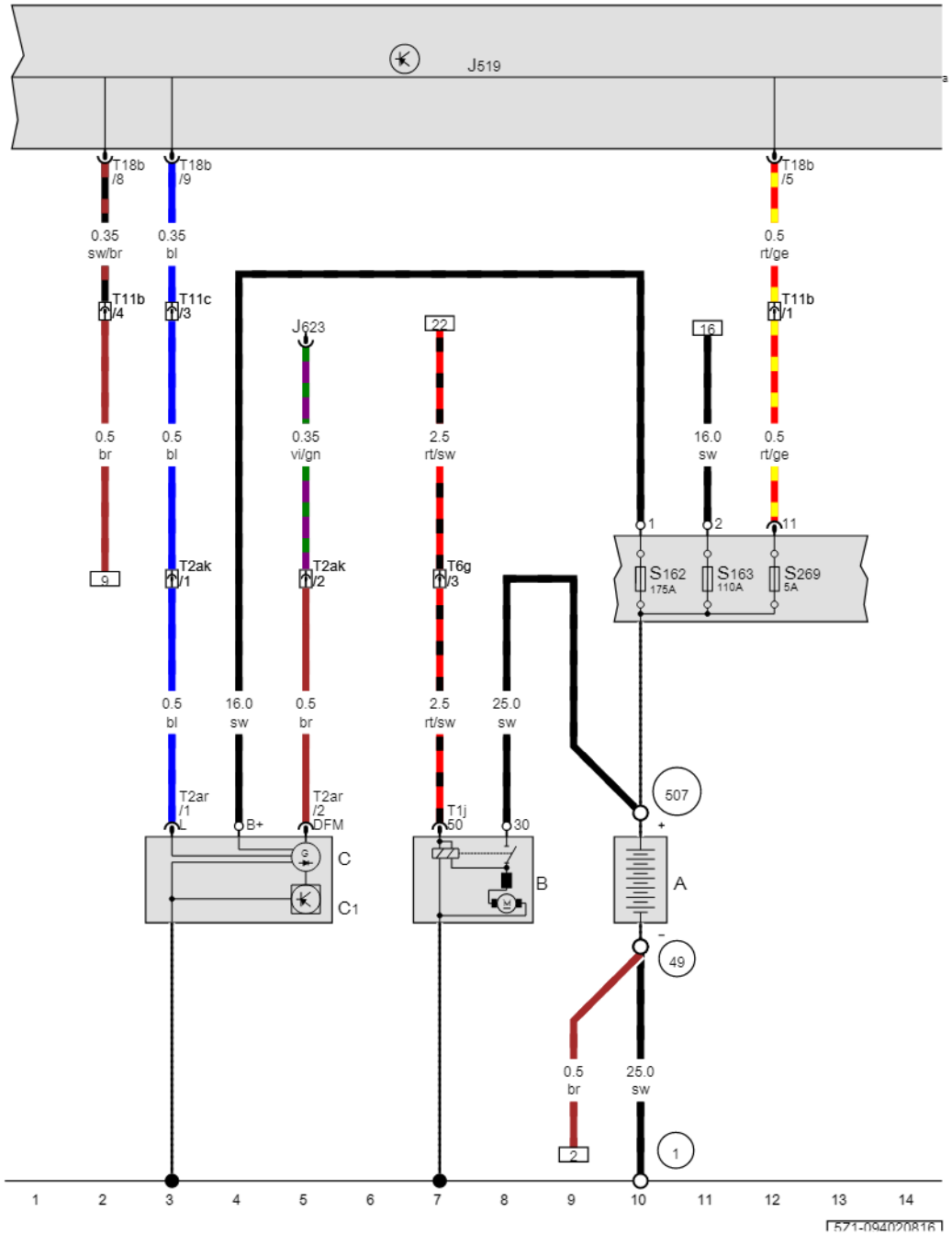
D2	Immobiliser reader coil
G32	Coolant shortage indicator sender
J285	Control unit in dash panel insert
J362	Immobiliser control unit
K	Dash panel insert
K2	Alternator warning lamp
K36	Coolant shortage warning lamp
K105	Reserve fuel warning lamp
T2bk	2-pin connector
T2s	2-pin connector
T11a	11-pin connector, on left in plenum chamber
T32a	32-pin connector
459	Earth connection 15, in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Basic equipment , (F6G)

From December 2009

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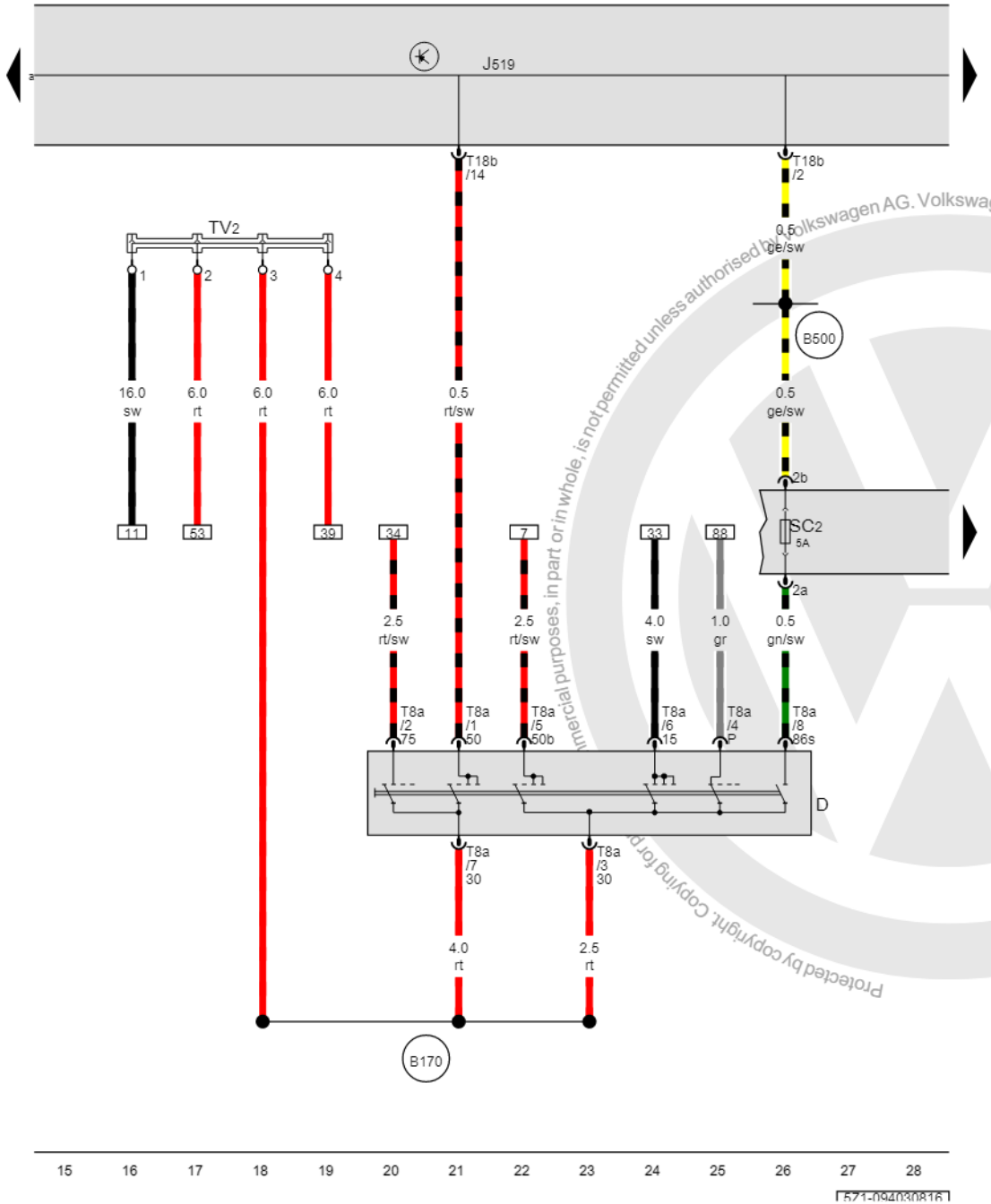


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S269	Fuse 11 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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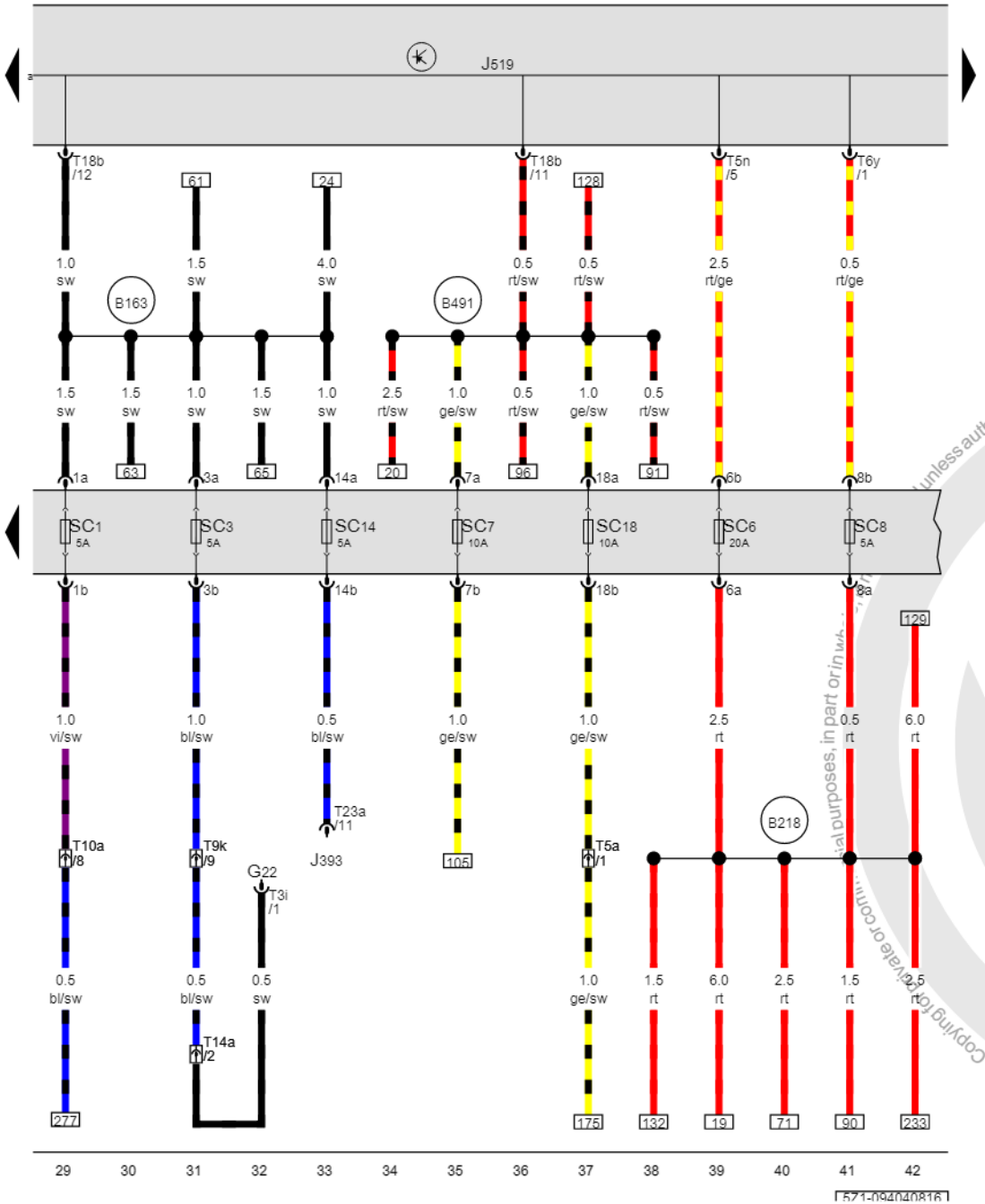


Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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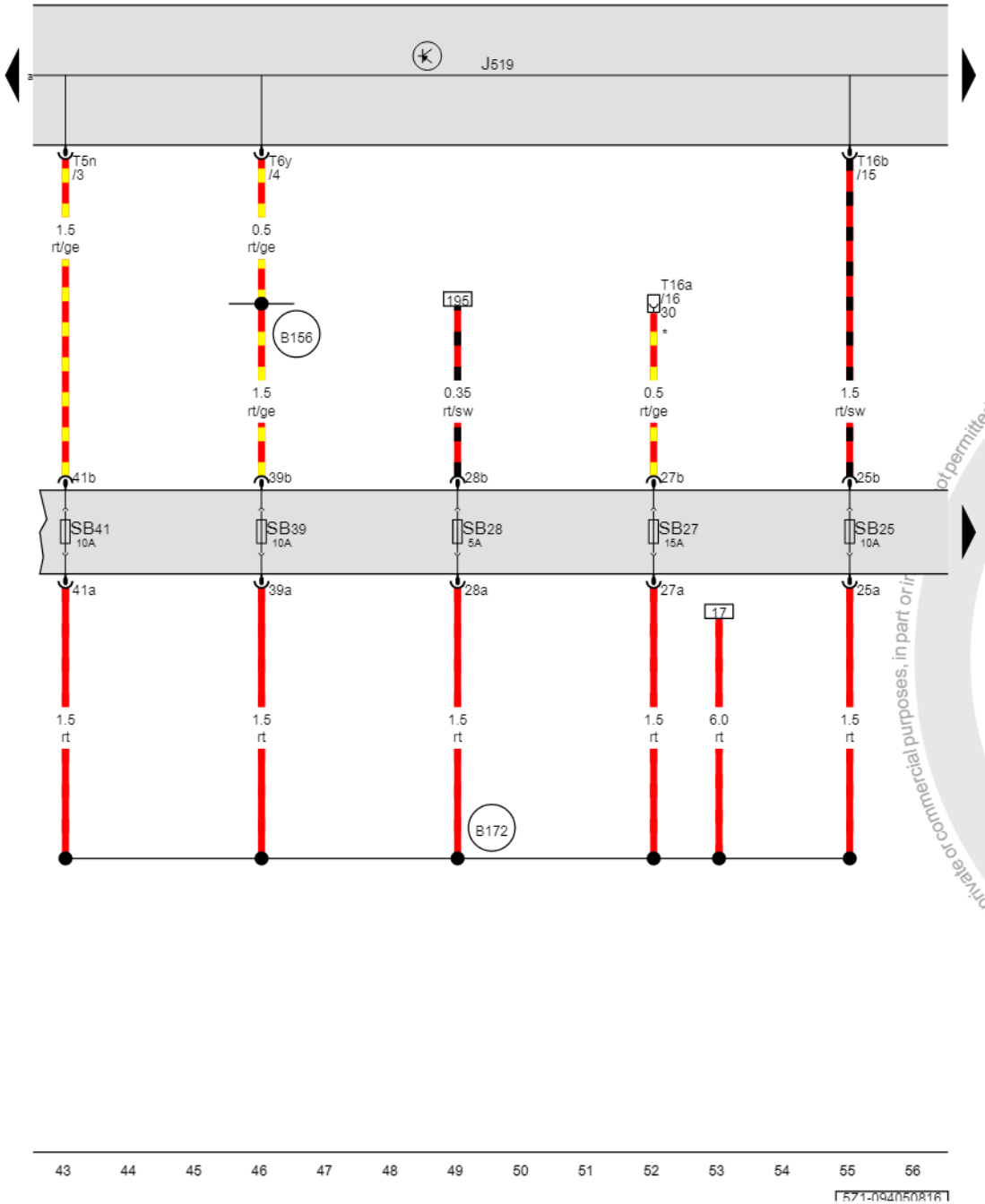


Onboard supply control unit

G22	Speedometer sender
J393	Convenience system central control unit
J519	Onboard supply control unit
SC1	Fuse 1 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC18	Fuse 18 on fuse holder C
T3i	3-pin connector
T5a	5-pin connector, behind rear left side trim, near wheel arch
T5n	5-pin connector
T6y	6-pin connector
T9k	9-pin connector, on left in plenum chamber
T10a	10-pin connector, behind dash panel, right
T14a	14-pin connector, on left in engine compartment
T18b	18-pin connector
T23a	23-pin connector
B163	Positive connection 1 (15), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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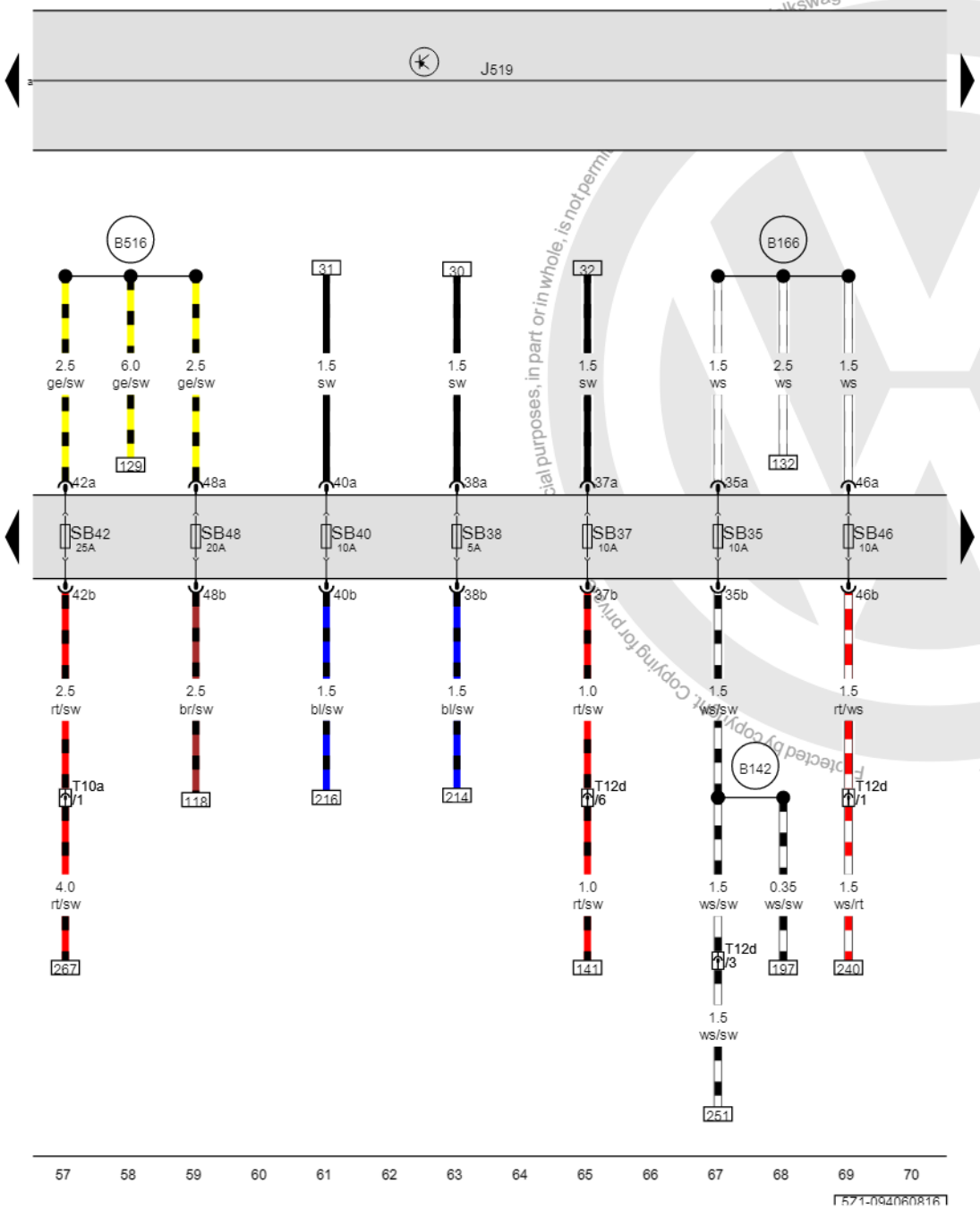


Onboard supply control unit

J519	Onboard supply control unit
SB25	Fuse 25 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB39	Fuse 39 on fuse holder B
SB41	Fuse 41 on fuse holder B
T5n	5-pin connector
T6y	6-pin connector
T16a	16-pin connector
T16b	16-pin connector
B156	Positive connection (30a), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
*	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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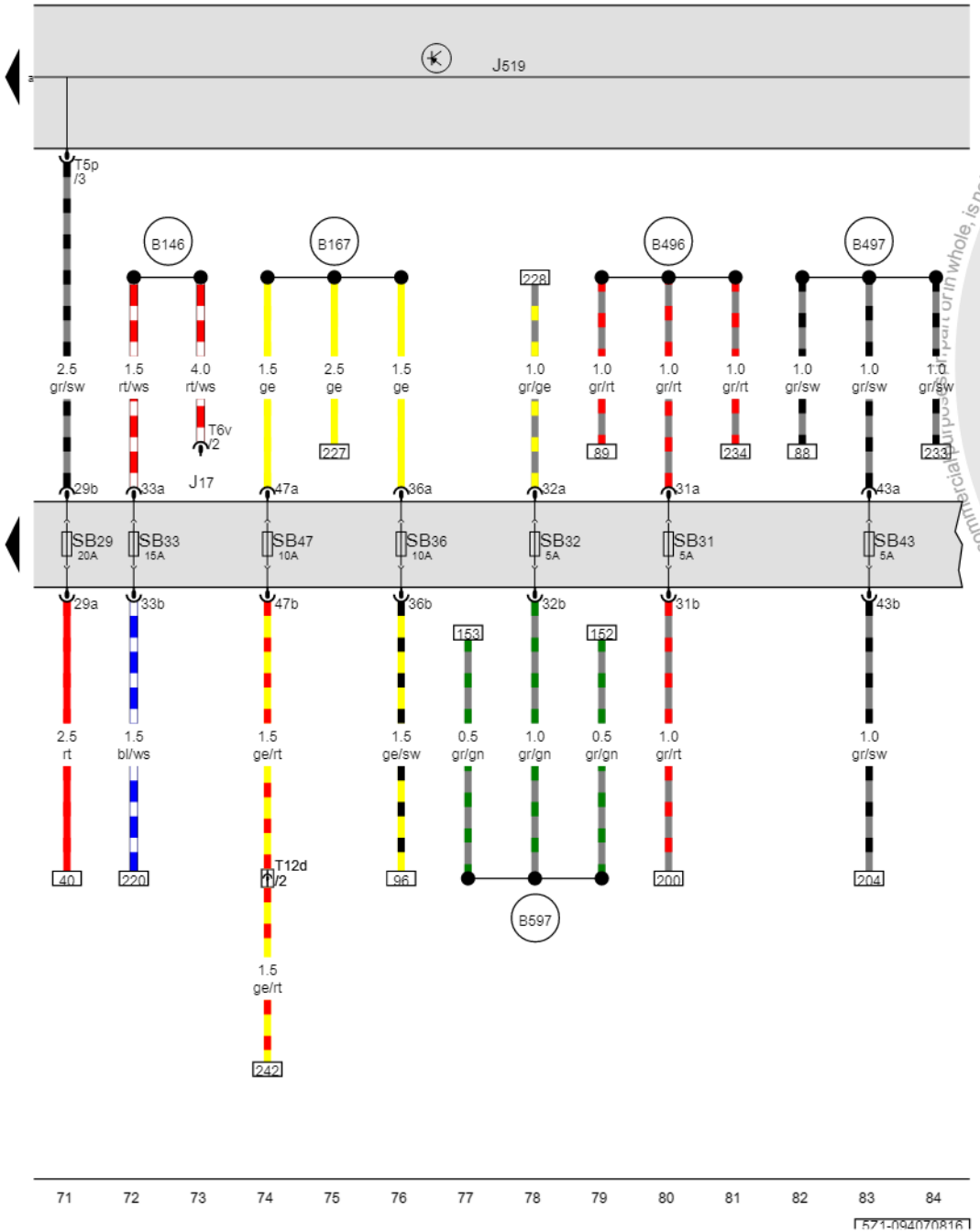


Onboard supply control unit

J519	Onboard supply control unit
SB35	Fuse 35 on fuse holder B
SB37	Fuse 37 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
SB42	Fuse 42 on fuse holder B
SB46	Fuse 46 on fuse holder B
SB48	Fuse 48 on fuse holder B
T10a	10-pin connector, behind dash panel, right
T12d	12-pin connector, on left in plenum chamber
B142	Positive connection 2 (56a), in interior wiring harness
B166	Connection (56a), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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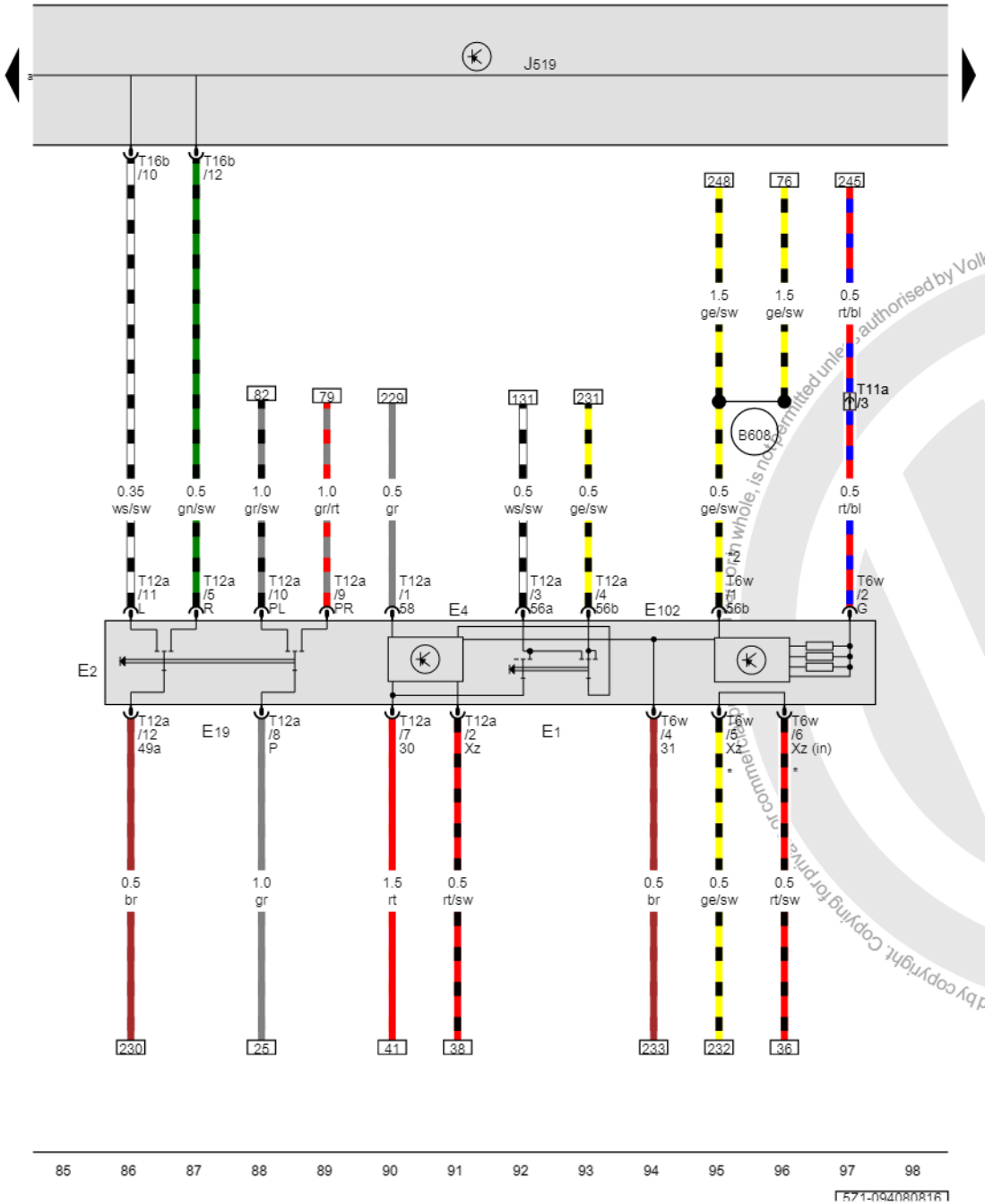


Onboard supply control unit

J17	Fuel pump relay
J519	Onboard supply control unit
SB29	Fuse 29 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB33	Fuse 33 on fuse holder B
SB36	Fuse 36 on fuse holder B
SB43	Fuse 43 on fuse holder B
SB47	Fuse 47 on fuse holder B
T5p	5-pin connector
T6v	6-pin connector
T12d	12-pin connector, on left in plenum chamber
B146	Positive connection 1 (87), in interior wiring harness
B167	Connection (56b), in interior wiring harness
B496	Positive connection 4 (58R), in interior wiring harness
B497	Positive connection 2 (58L), in interior wiring harness
B597	Positive connection 1 (58a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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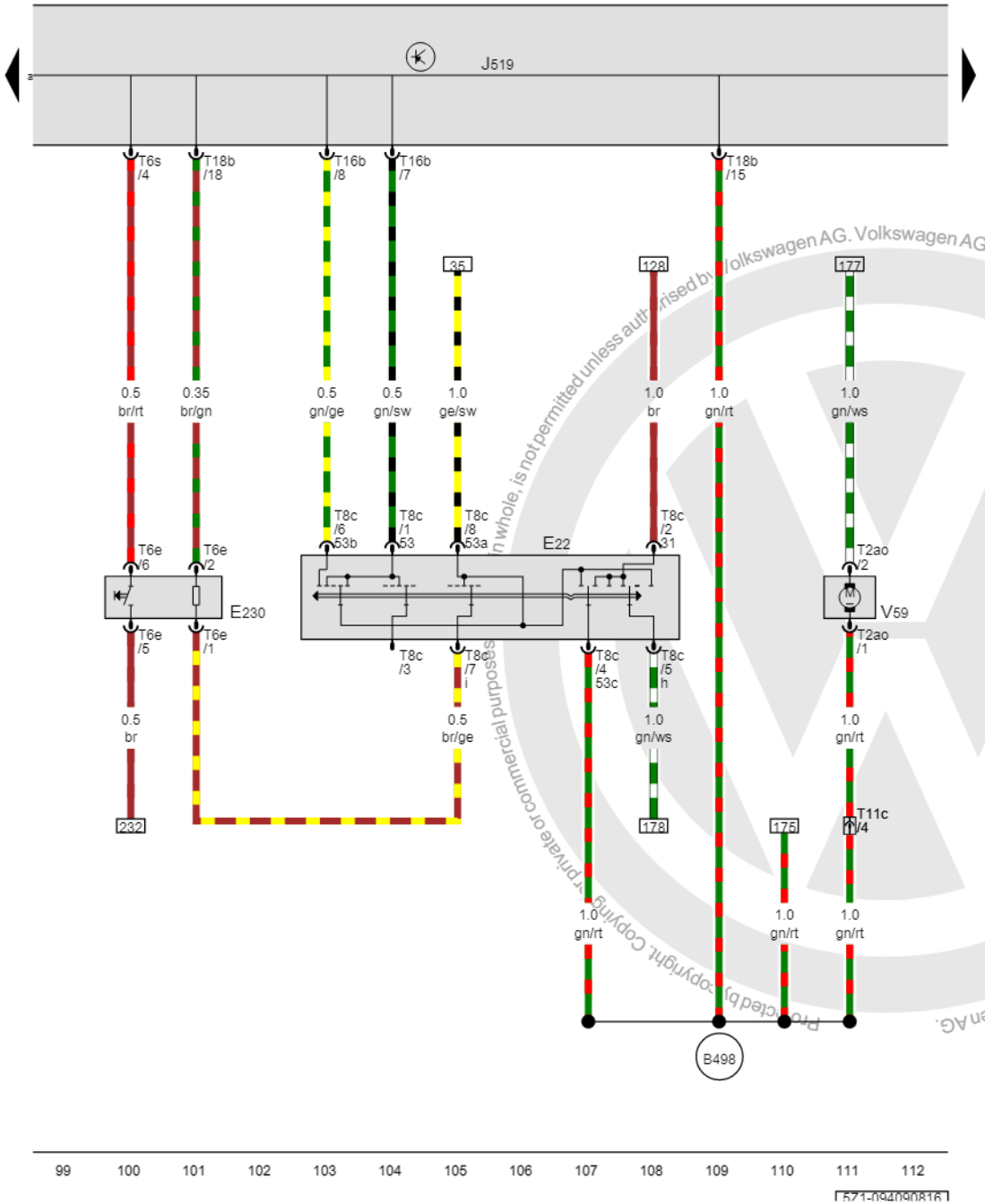


Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Headlight range control regulator, Onboard supply control unit

E1	Light switch
E2	Turn signal switch
E4	Headlight dipper and flasher switch
E19	Parking light switch
E102	Headlight range control regulator
J519	Onboard supply control unit
T6w	6-pin connector
T11a	11-pin connector, on left in plenum chamber
T12a	12-pin connector
T16b	16-pin connector
B608	Connection 4, in interior wiring harness
*	Only models with daytime running lights
*2	Only models with parking lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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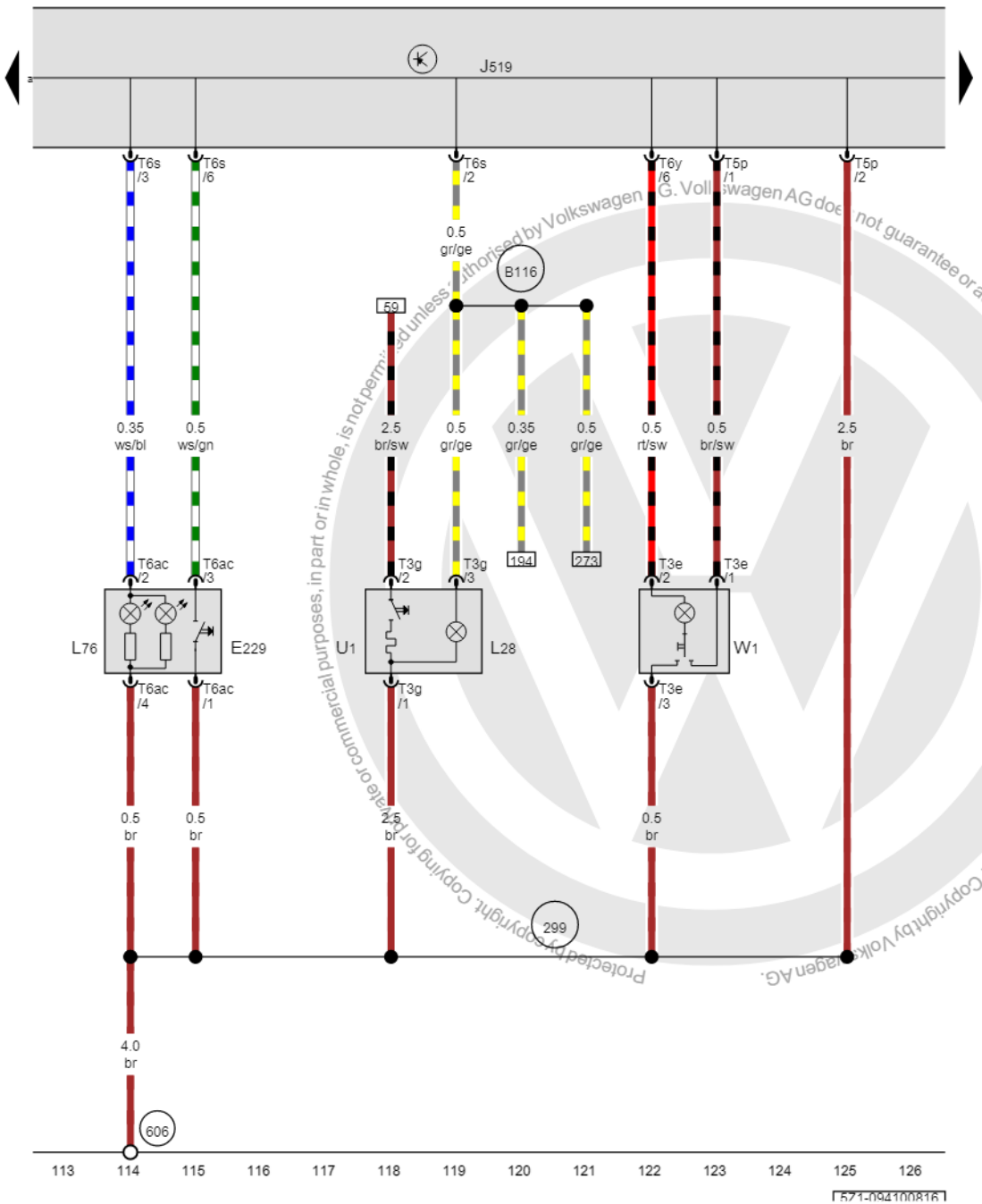


Intermittent wiper switch, Heated rear window button, Onboard supply control unit, Windscreen and rear window washer pump

E22	Intermittent wiper switch
E230	Heated rear window button
J519	Onboard supply control unit
T2ao	2-pin connector
T6e	6-pin connector
T6s	6-pin connector
T8c	8-pin connector
T11c	11-pin connector, on left in plenum chamber
T16b	16-pin connector
T18b	18-pin connector
V59	Windscreen and rear window washer pump
B498	Connection 1 (53c), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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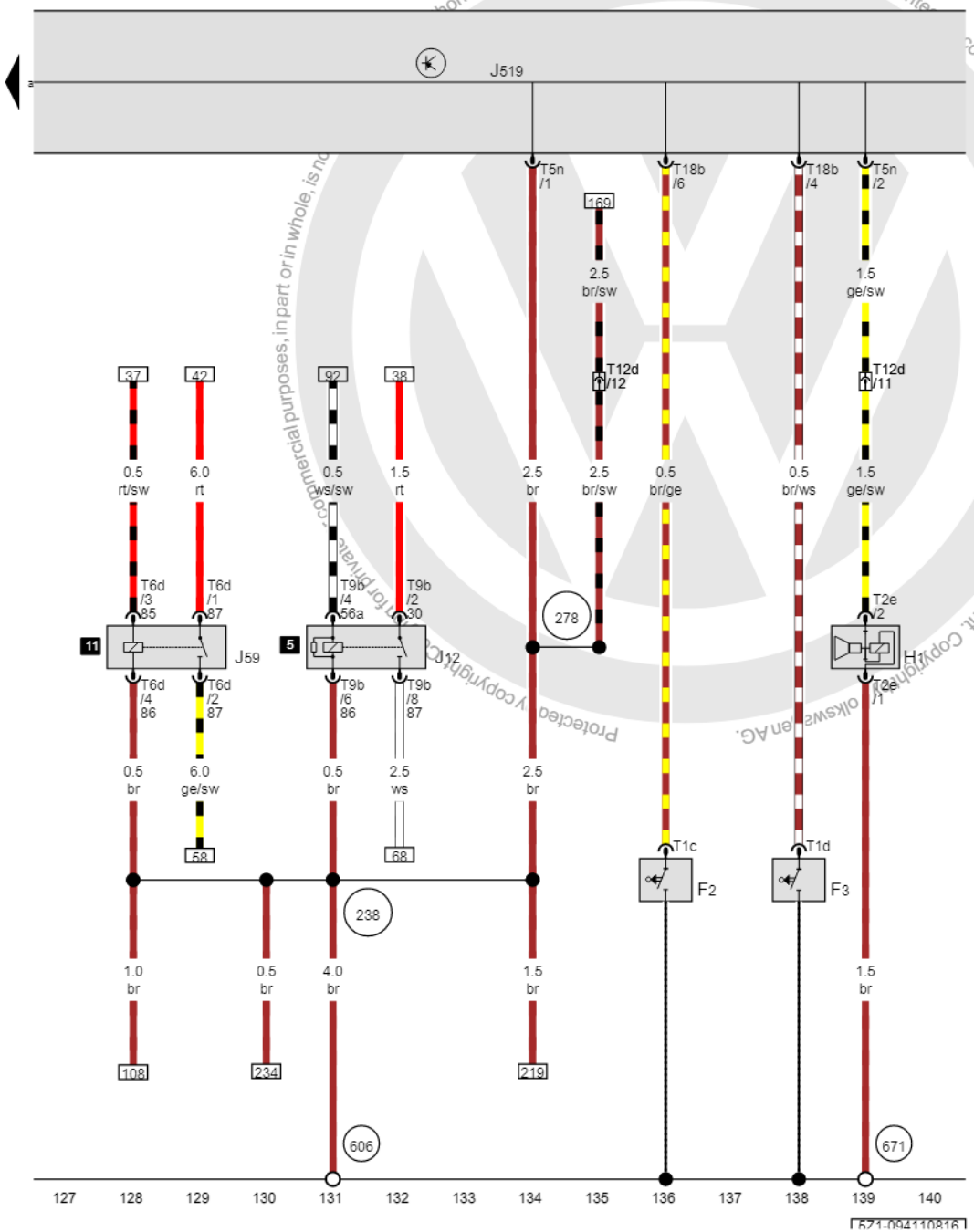


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Hazard warning lights button, Onboard supply control unit, Cigarette lighter illumination bulb, Button illumination bulb, Cigarette lighter, Front interior light

E229	Hazard warning lights button
J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
L76	Button illumination bulb
T3e	3-pin connector
T3g	3-pin connector
T5p	5-pin connector
T6ac	6-pin connector
T6s	6-pin connector
T6y	6-pin connector
U1	Cigarette lighter
W1	Front interior light
299	Earth connection 14, in interior wiring harness
606	Earth point, under the centre console near gear stick
B116	Connection (58d), in interior wiring harness

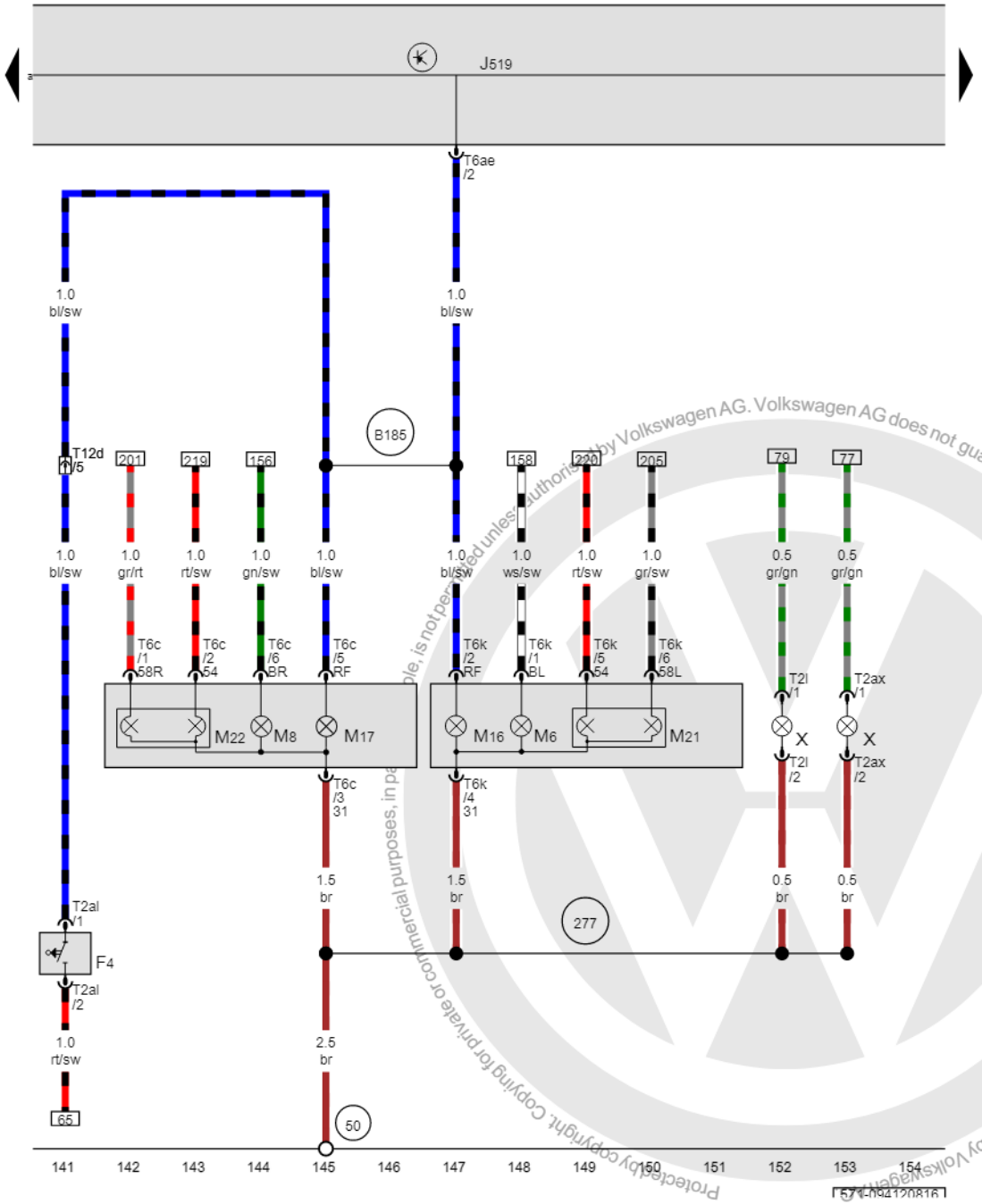
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ge = yellow
or = orange
rs = pink

Driver door contact switch, Front passenger door contact switch, Horn or dual tone horn, Headlight main beam relay, X-contact relief relay, Onboard supply control unit

F2	Driver door contact switch
F3	Front passenger door contact switch
H1	Horn or dual tone horn
J12	Headlight main beam relay
J59	X-contact relief relay
J519	Onboard supply control unit
T1c	Single connector
T1d	Single connector
T2e	2-pin connector
T5n	5-pin connector
T6d	6-pin connector
T9b	9-pin connector
T12d	12-pin connector, on left in plenum chamber
T18b	18-pin connector
238	Earth connection 1, in interior wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near gear stick
671	Earth point 1, on front of left longitudinal member

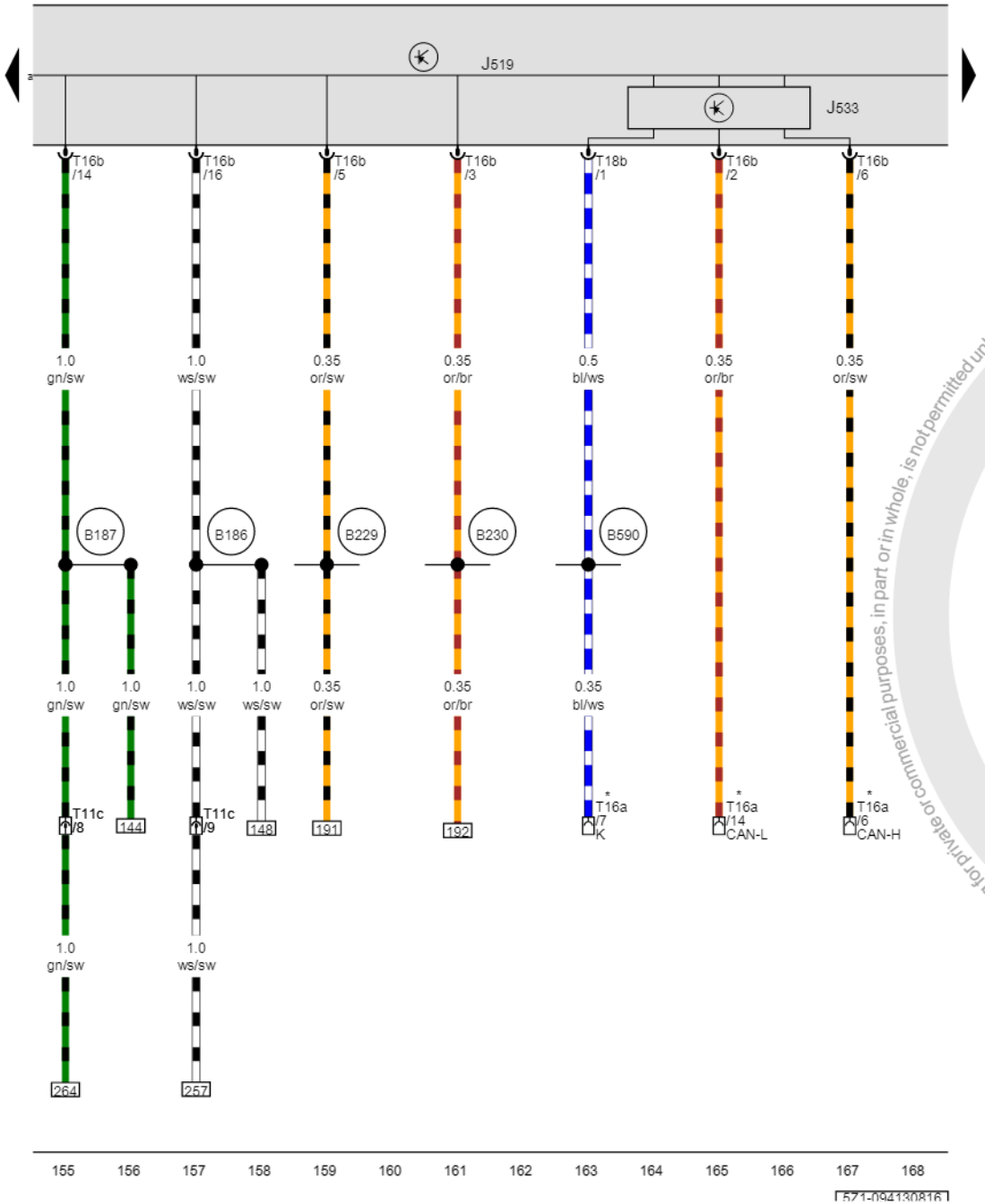


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Reversing light switch, Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left reversing light bulb, Right reversing light bulb, Left brake and tail light bulb, Right brake and tail light bulb, Number plate light

F4	Reversing light switch
J519	Onboard supply control unit
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
T2al	2-pin connector
T2ax	2-pin connector
T2l	2-pin connector
T6ae	6-pin connector
T6c	6-pin connector
T6k	6-pin connector
T12d	12-pin connector, on left in plenum chamber
X	Number plate light
50	Earth point, on left in luggage compartment
277	Earth connection 3, in interior wiring harness
B185	Connection 2 (54), in interior wiring harness

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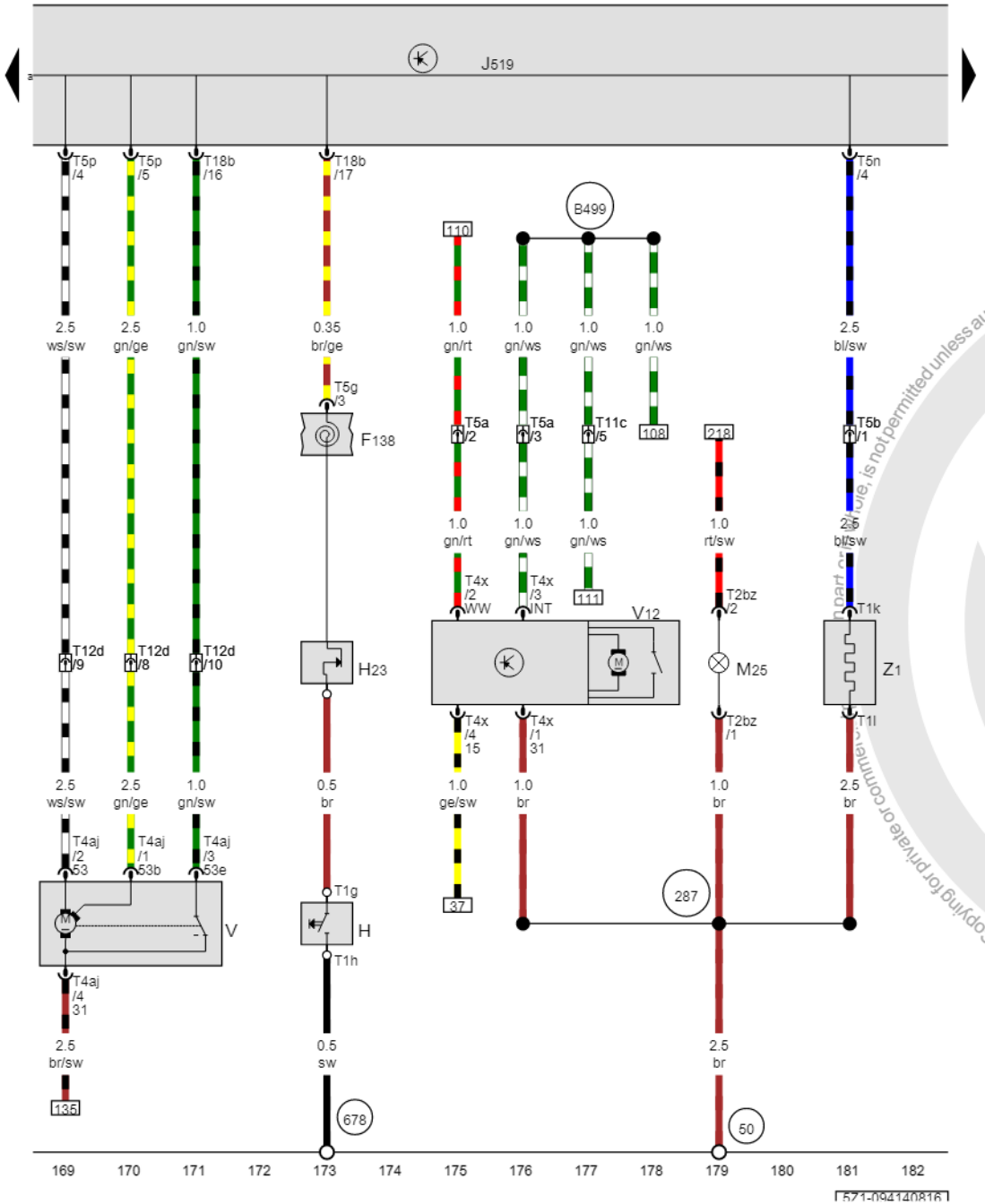


Onboard supply control unit, Data bus diagnostic interface

J519	Onboard supply control unit
J533	Data bus diagnostic interface
T11c	11-pin connector, on left in plenum chamber
T16a	16-pin connector
T16b	16-pin connector
T18b	18-pin connector
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B590	K-diagnosis wire connection, in interior wiring harness
*	Diagnostic connection
*2	Only models with daytime running lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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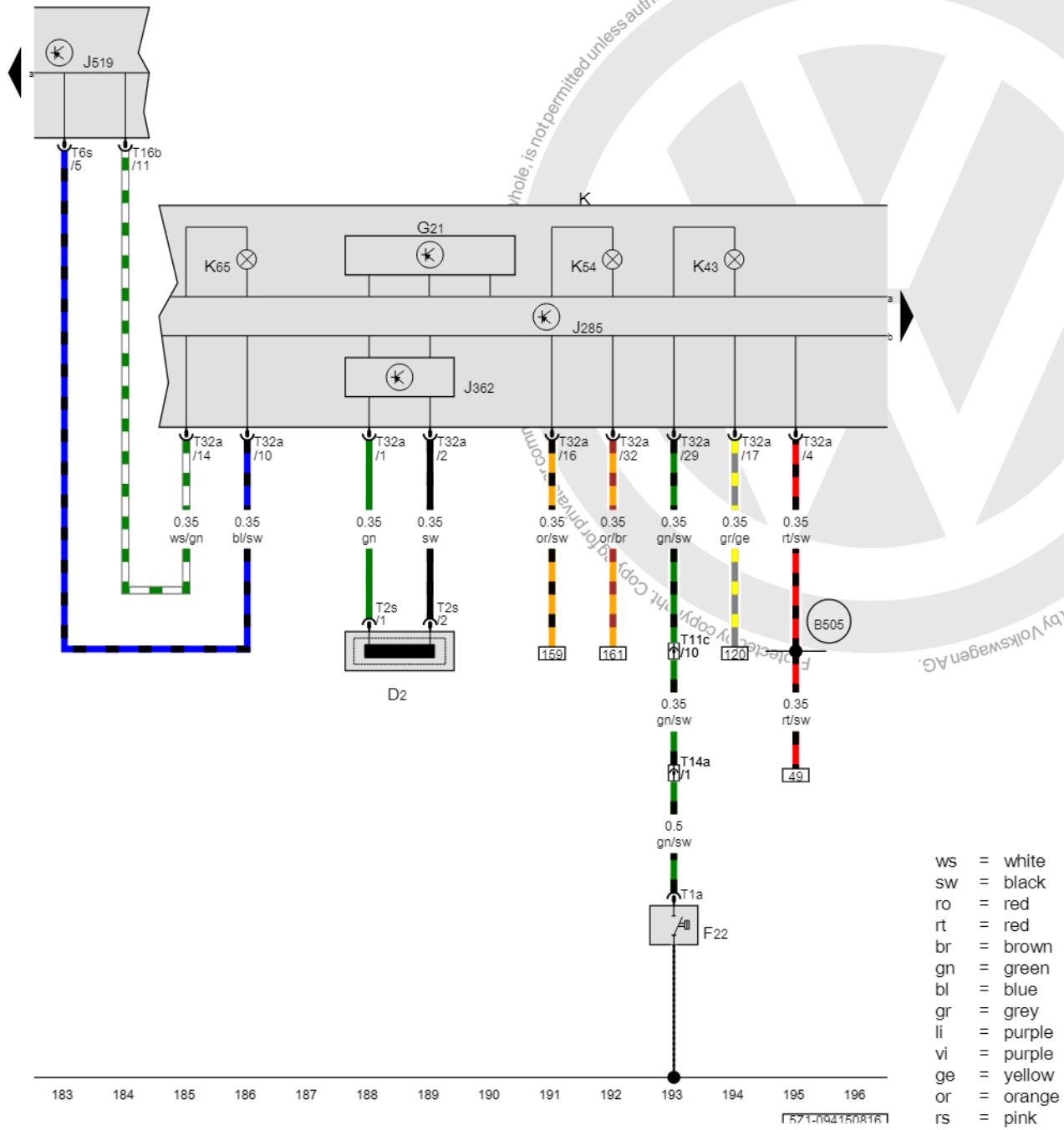


Airbag coil connector and return ring with slip ring, Horn plate, Horn activation contact ring, Onboard supply control unit, High-level brake light bulb, Windscreen wiper motor, Rear window wiper motor, Heated rear window

F138	Airbag coil connector and return ring with slip ring
H	Horn plate
H23	Horn activation contact ring
J519	Onboard supply control unit
M25	High-level brake light bulb
T1g	Single connector
T1h	Single connector
T1k	Single connector
T1l	Single connector
T2bz	2-pin connector
T4aj	4-pin connector
T4x	4-pin connector
T5a	5-pin connector, behind rear left side trim, near wheel arch
T5b	5-pin connector, behind rear left side trim, near wheel arch
T5g	5-pin connector
T5n	5-pin connector
T5p	5-pin connector
T11c	11-pin connector, on left in plenum chamber
T12d	12-pin connector, on left in plenum chamber
T18b	18-pin connector
V	Windscreen wiper motor
V12	Rear window wiper motor
Z1	Heated rear window
50	Earth point, on left in luggage compartment
287	Earth connection, in rear lid feeder wiring harness
678	Earth point, on steering wheel
B499	Connection 2 (53c), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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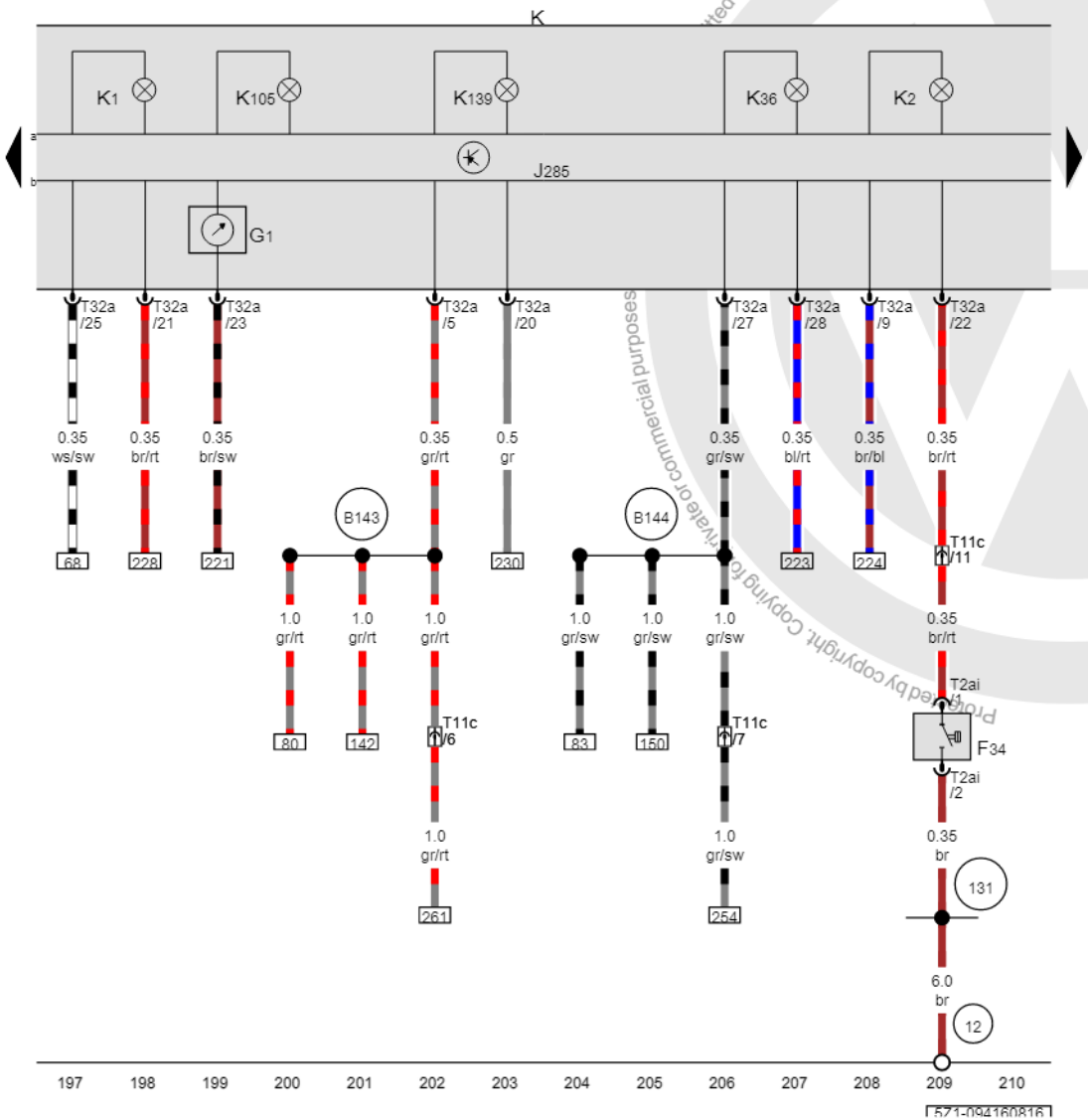
Immobiliser reader coil, Oil pressure switch, Speedometer, Immobiliser control unit, Onboard supply control unit, Dash panel insert, Coolant temperature warning lamp (too cold), Battery charge condition warning lamp: red LED for less than 12 Volt

D2	Immobiliser reader coil
F22	Oil pressure switch
G21	Speedometer
J285	Control unit in dash panel insert
J362	Immobiliser control unit
J519	Onboard supply control unit
K	Dash panel insert
K43	Coolant temperature warning lamp (too cold)
K54	Battery charge condition warning lamp: red LED for less than 12 Volt
K65	Left turn signal warning lamp
T1a	Single connector
T2s	2-pin connector
T6s	6-pin connector
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T16b	16-pin connector
T32a	32-pin connector
B505	Positive connection 9 (30a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Brake fluid level warning contact, Fuel gauge, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Coolant shortage warning lamp, Reserve fuel warning lamp, Handbrake warning lamp

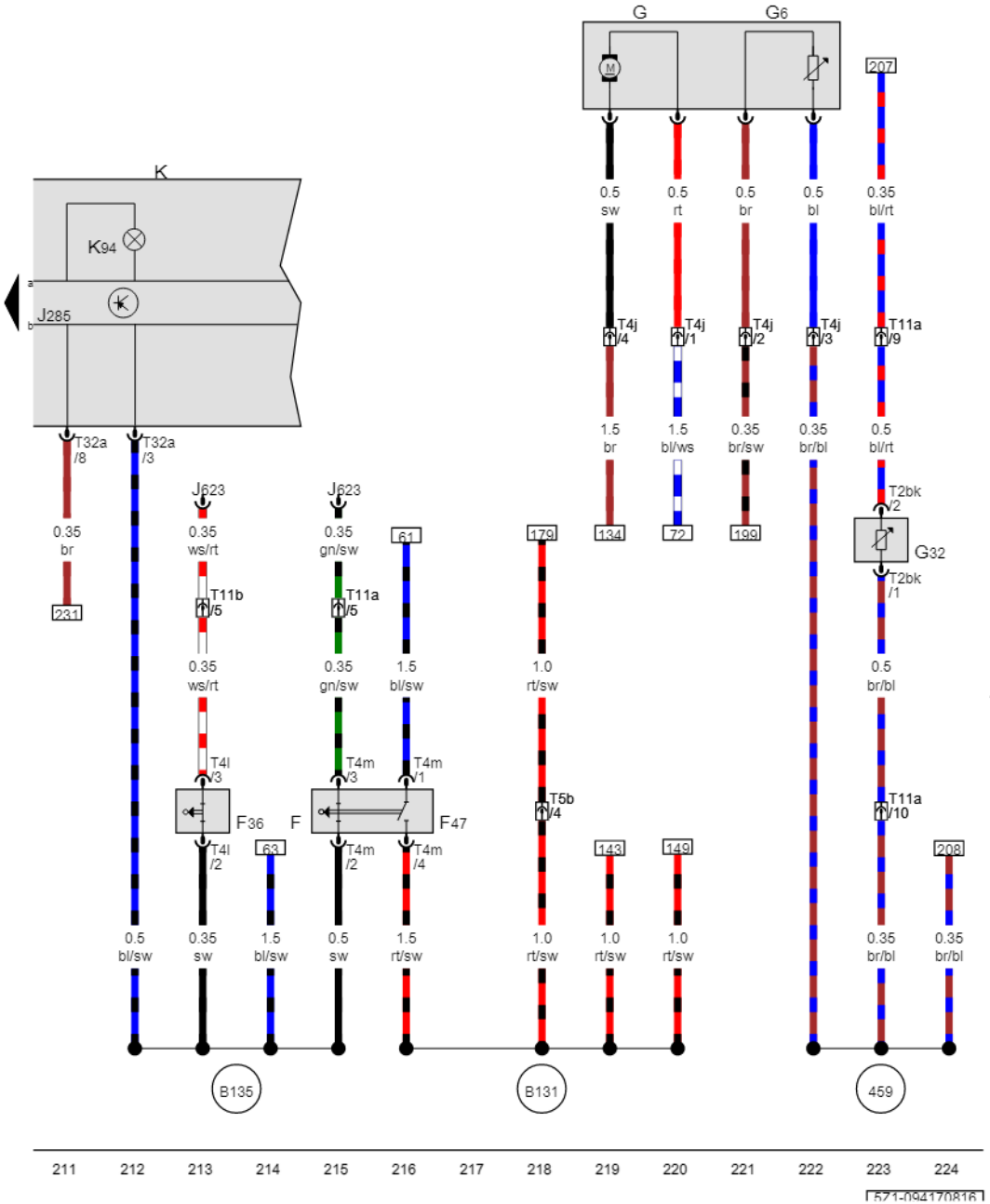


F34	Brake fluid level warning contact
G1	Fuel gauge
J285	Control unit in dash panel insert
K	Dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K36	Coolant shortage warning lamp
K105	Reserve fuel warning lamp
K139	Handbrake warning lamp
T2ai	2-pin connector
T11c	11-pin connector, on left in plenum chamber
T32a	32-pin connector
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
B143	Positive connection (58R), in interior wiring harness
B144	Positive connection (58L), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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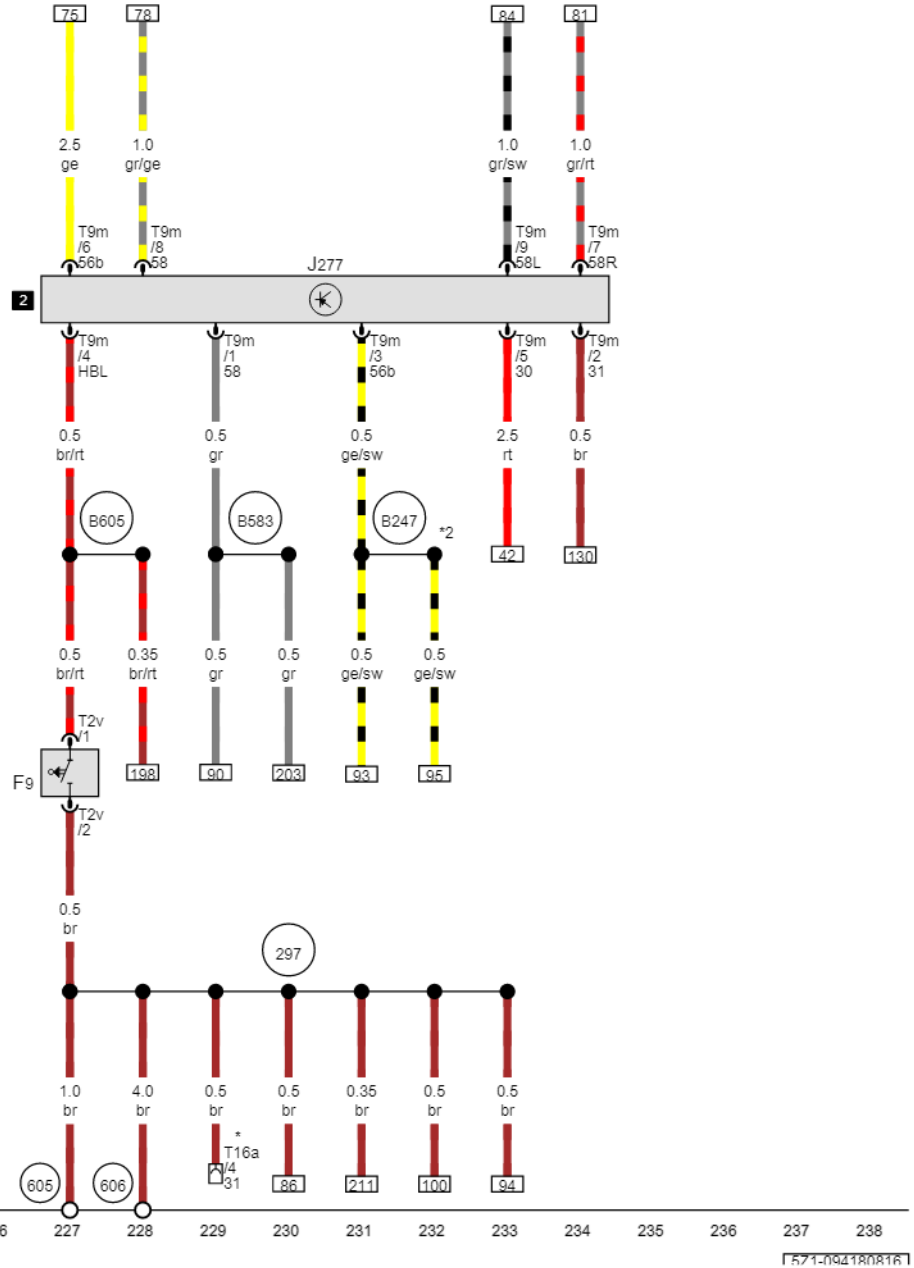
Brake light switch, Clutch pedal switch, Brake pedal switch, Fuel gauge sender, Fuel system pressurisation pump, Coolant shortage indicator sender, Dash panel insert, Right turn signal warning lamp



F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
G	Fuel gauge sender
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
J285	Control unit in dash panel insert
J623	Engine control unit
K	Dash panel insert
K94	Right turn signal warning lamp
T2bk	2-pin connector
T4j	4-pin connector
T4l	4-pin connector
T4m	4-pin connector
T5b	5-pin connector, behind rear left side trim, near wheel arch
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T32a	32-pin connector
459	Earth connection 15, in interior wiring harness
B131	Connection (54), in interior wiring harness
B135	Connection 1 (15a), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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rt = red
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gn = green
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vi = purple
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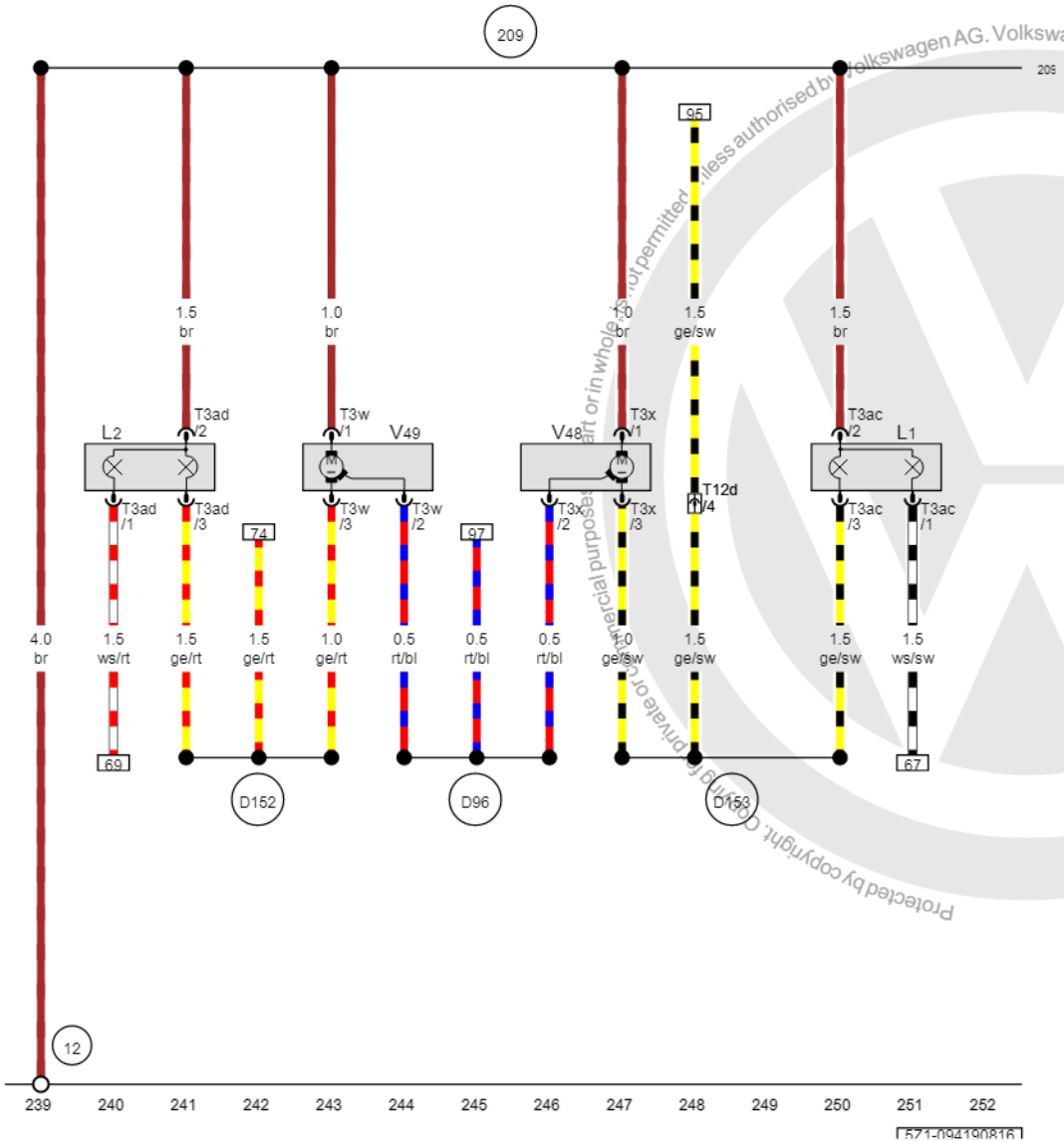
Handbrake warning switch, Relay for daytime running lights, side and tail lights

F9	Handbrake warning switch
J277	Relay for daytime running lights, side and tail lights
T2v	2-pin connector
T9m	9-pin connector
T16a	16-pin connector
297	Earth connection 12, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near gear stick
B247	Connection 2 (56b), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B605	Connection 1, in interior wiring harness
*	Diagnostic connection
*2	Only models with daytime running lights

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Left headlight twin filament bulb, Right headlight twin filament bulb, Left headlight range control motor, Right headlight range control motor

L1	Left headlight twin filament bulb
L2	Right headlight twin filament bulb
T3ac	3-pin connector
T3ad	3-pin connector
T3w	3-pin connector
T3x	3-pin connector
T12d	12-pin connector, on left in plenum chamber
V48	Left headlight range control motor
V49	Right headlight range control motor
12	Earth point, on left in engine compartment
209	Earth connection 6, in engine compartment wiring harness
D96	Connection (headlight range control), in engine compartment wiring harness
D152	Positive connection 1 (56b), in engine compartment wiring harness
D153	Positive connection 2 (56b), in engine compartment wiring harness

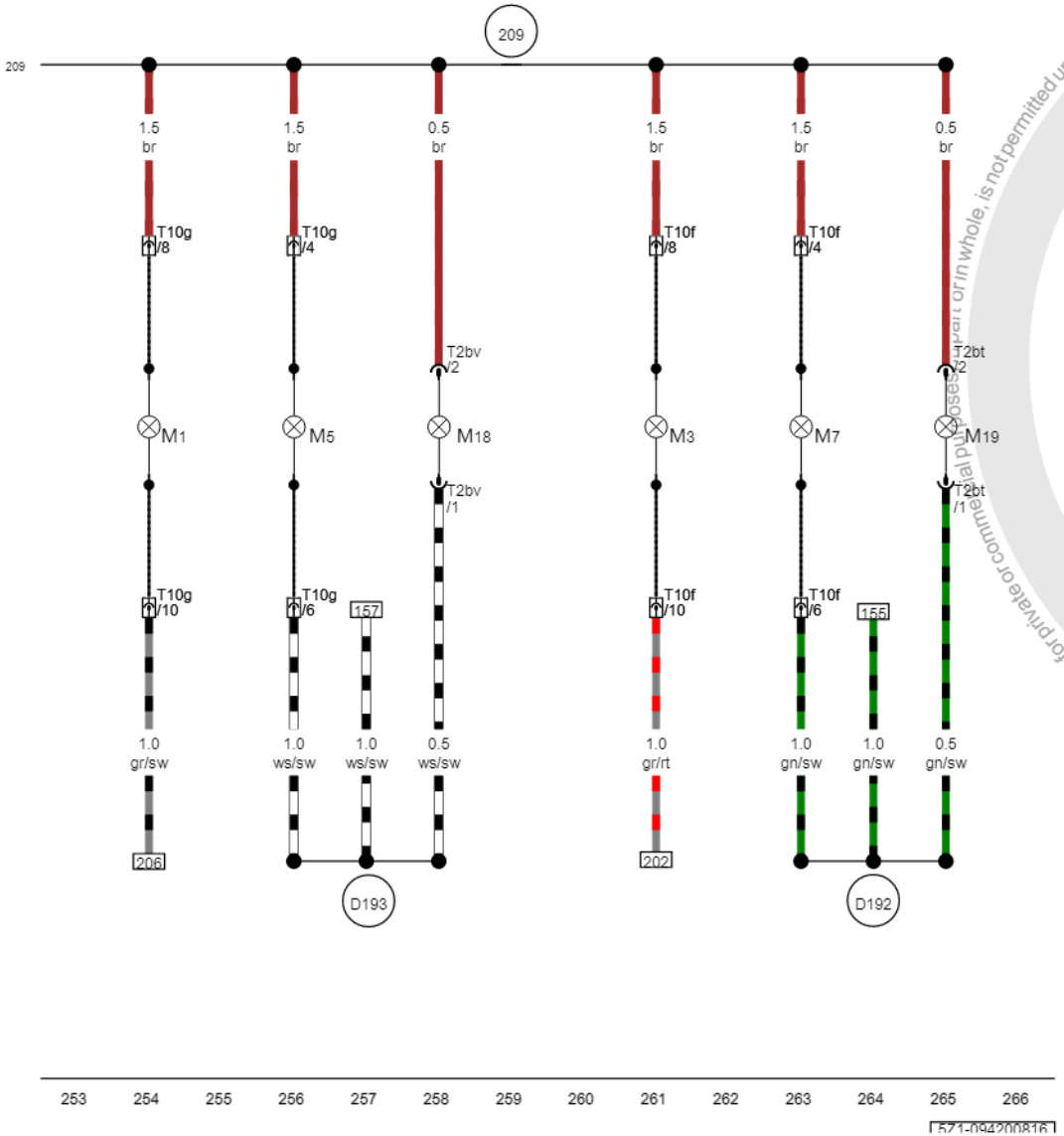


ws = white
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vi = purple
ge = yellow
or = orange
rs = pink

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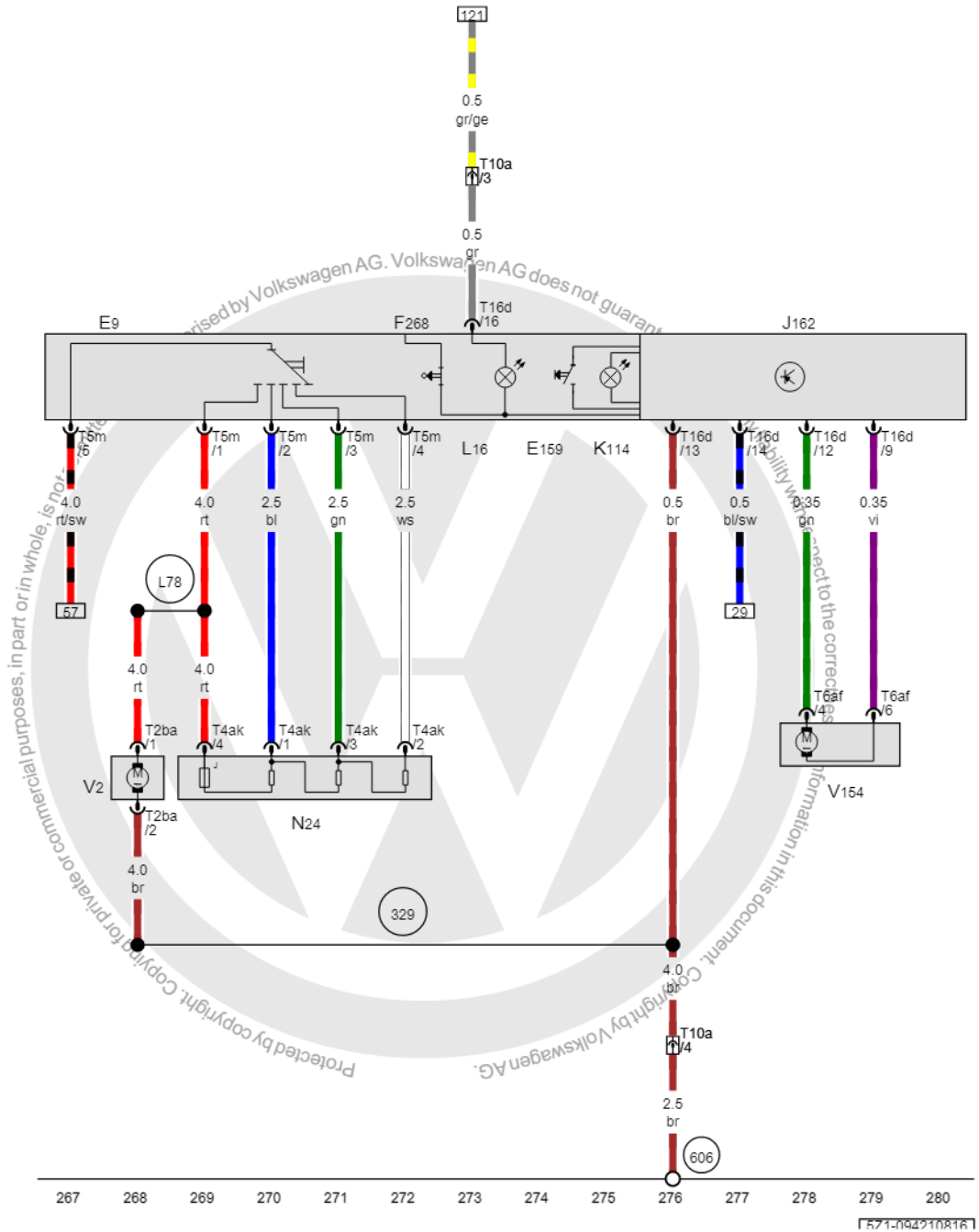
Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left turn signal repeater bulb, Right turn signal repeater bulb

M1	Left side light bulb
M3	Right side light bulb
M5	Front left turn signal bulb
M7	Front right turn signal bulb
M18	Left turn signal repeater bulb
M19	Right turn signal repeater bulb
T2bt	2-pin connector
T2bv	2-pin connector
T10f	10-pin connector
T10g	10-pin connector
209	Earth connection 6, in engine compartment wiring harness
D192	Connection 1 (RTS), in engine compartment wiring harness
D193	Connection 1 (LTS), in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Fresh air blower switch, Auxiliary heating heater element contact switch, Heater control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower, Fresh air and air recirculation flap control motor

E9	Fresh air blower switch
E159	Fresh air and air recirculation flap switch
F268	Auxiliary heating heater element contact switch
J162	Heater control unit
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
N24	Fresh air blower series resistor with overheating fuse
T2ba	2-pin connector
T4ak	4-pin connector
T5m	5-pin connector
T6af	6-pin connector
T10a	10-pin connector, behind dash panel, right
T16d	16-pin connector
V2	Fresh air blower
V154	Fresh air and air recirculation flap control motor
329	Earth connection 1, in blower box wiring harness
606	Earth point, under the centre console near gear stick
L78	Connection 1, in fresh air blower wiring harness

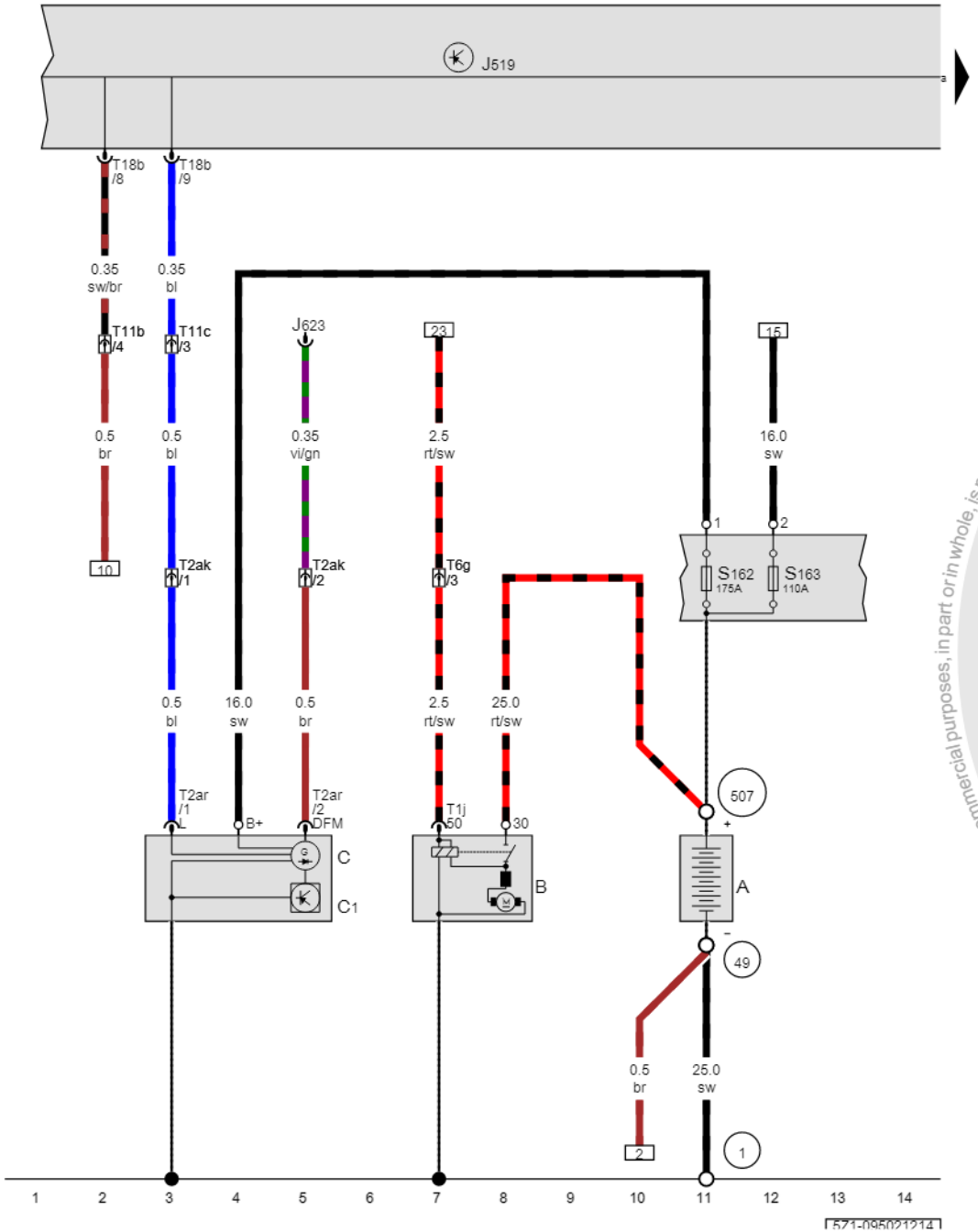
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Light switch , (F6G)

From December 2009

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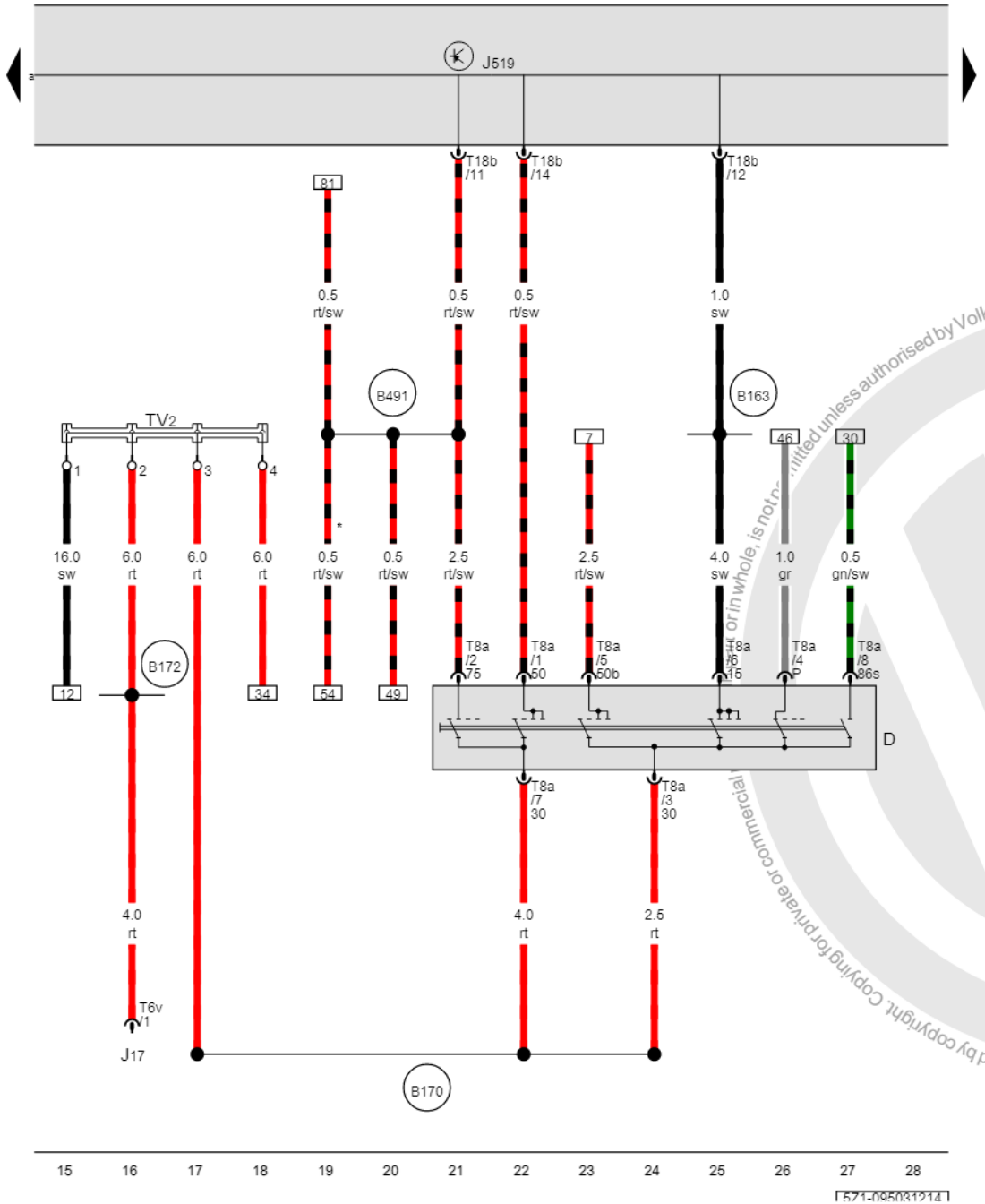


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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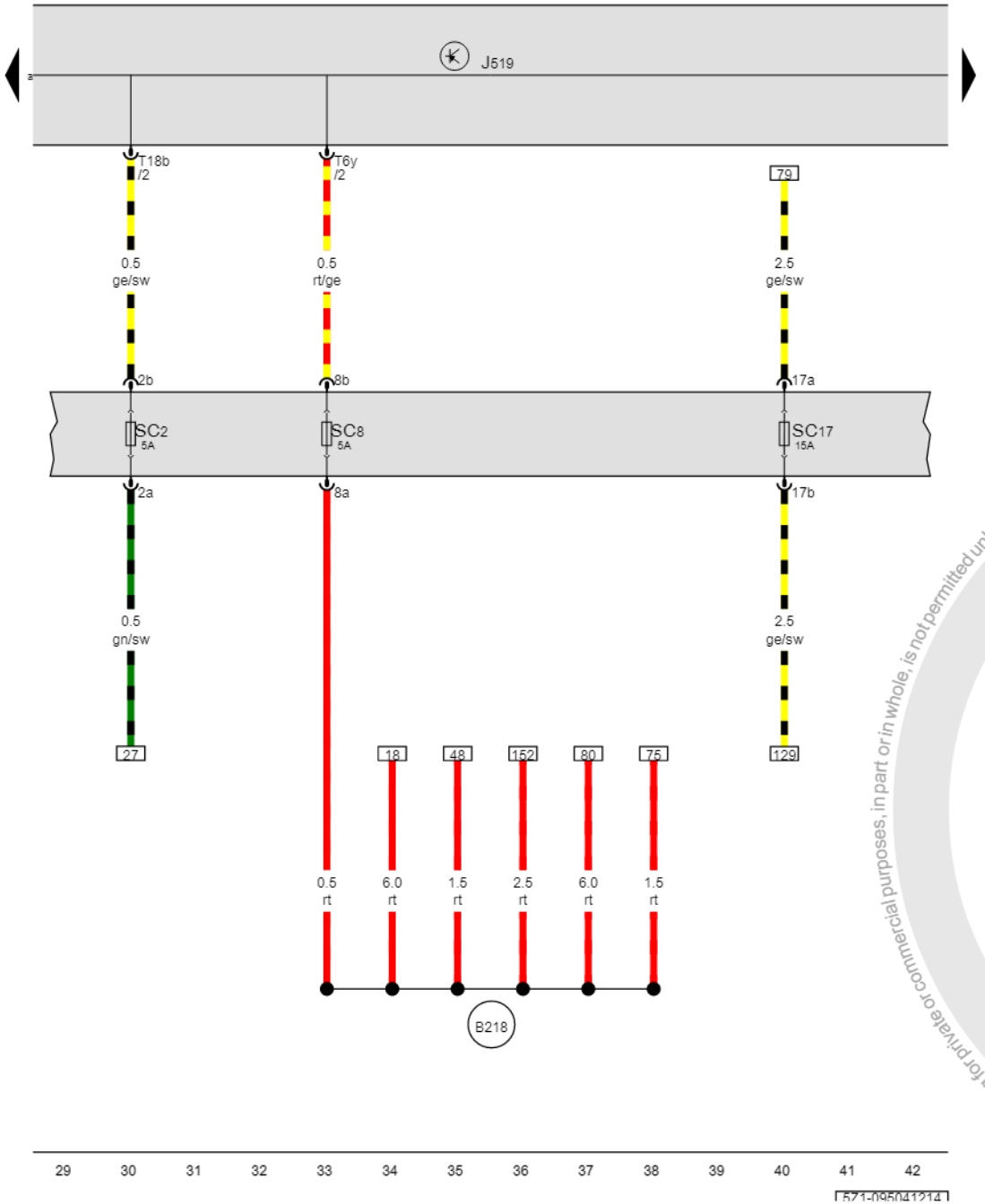


Ignition/starter switch, Fuel pump relay, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
J17	Fuel pump relay
J519	Onboard supply control unit
T6v	6-pin connector
T8a	8-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B163	Positive connection 1 (15), in interior wiring harness
B170	Positive connection 2 (30), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
*	Only models with daytime running lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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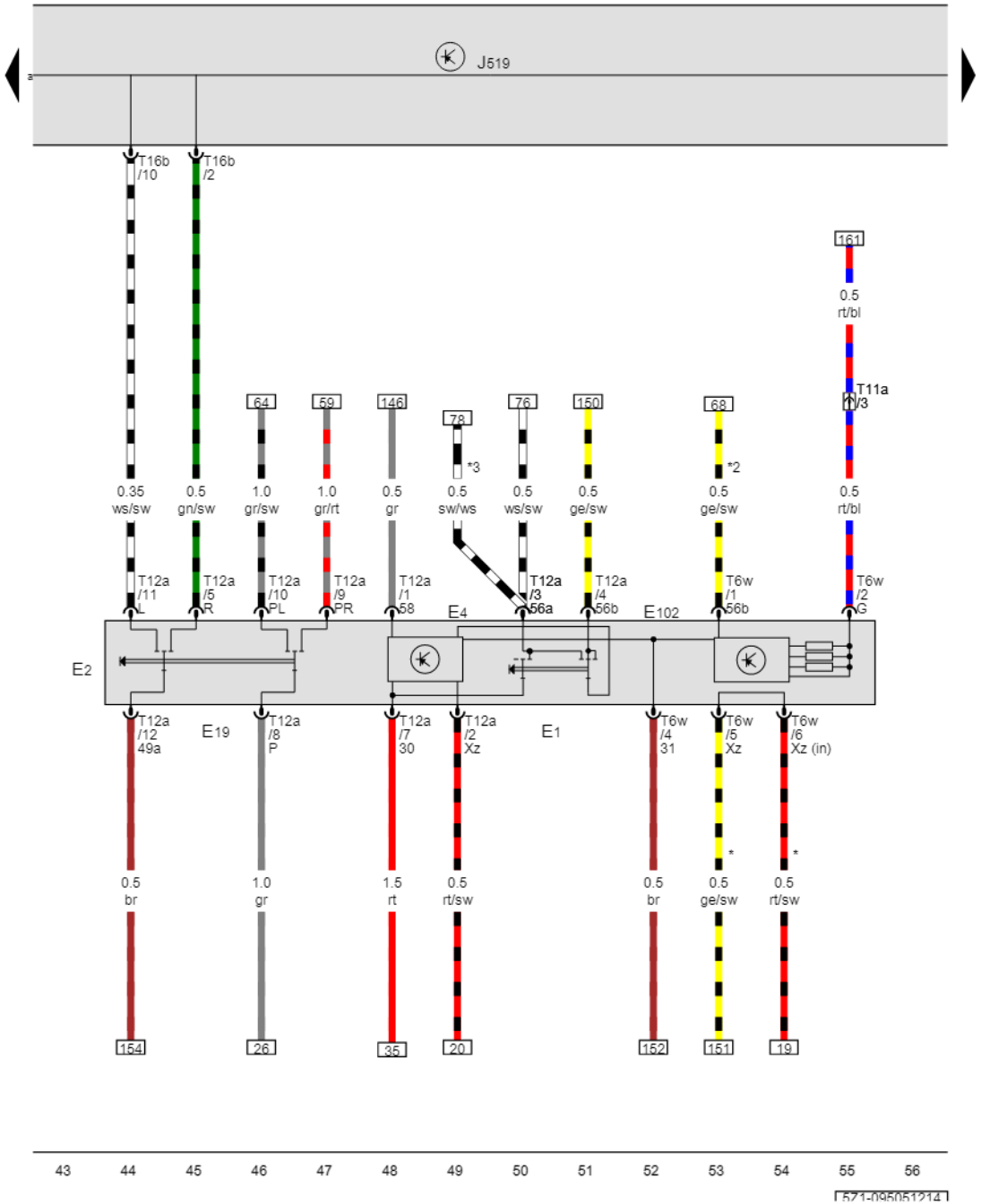


Onboard supply control unit

J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC17	Fuse 17 on fuse holder C
T6y	6-pin connector
T18b	18-pin connector
B218	Positive connection 6 (30), in interior wiring harness

ws	=	white
sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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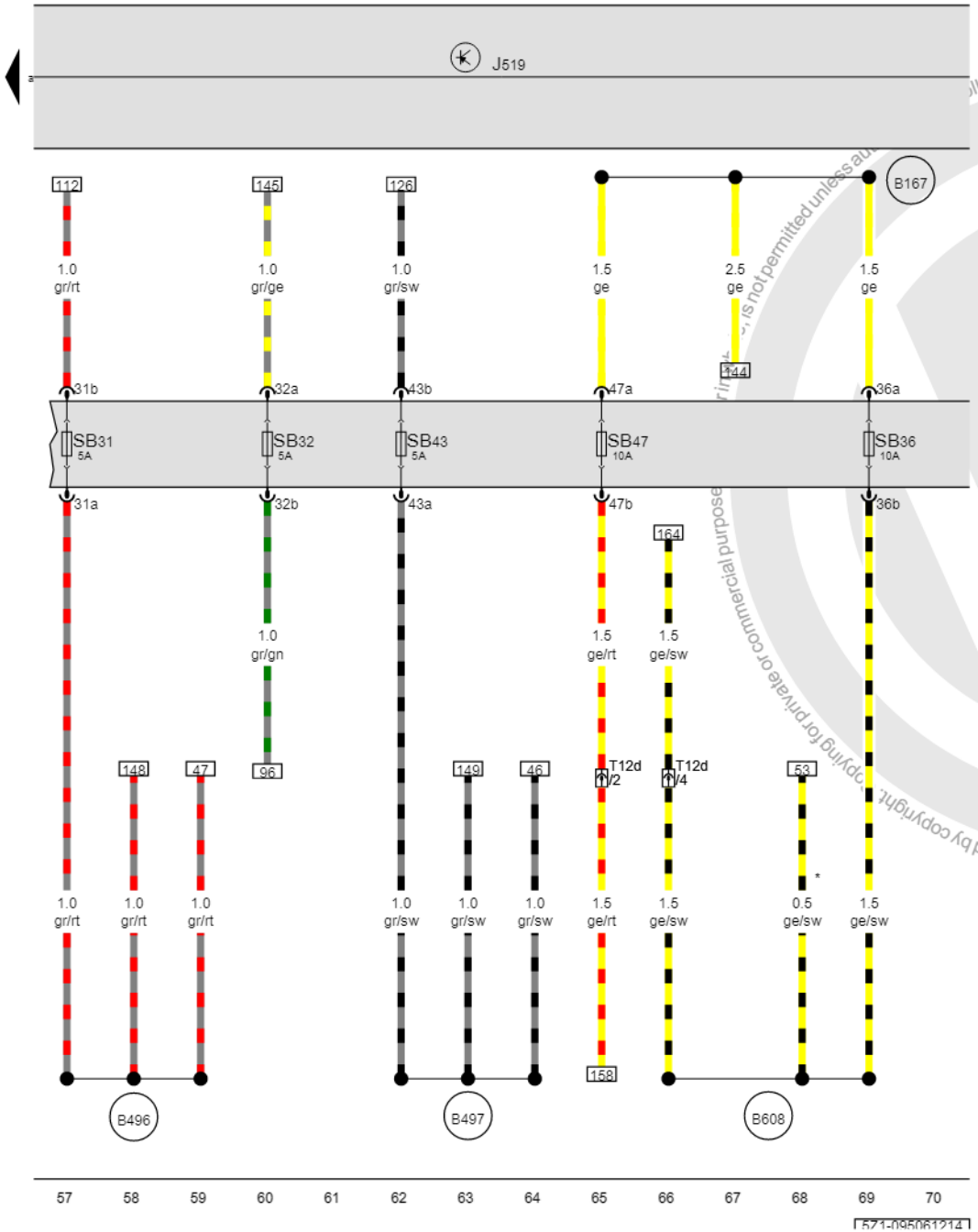


Light switch, Turn signal switch, Headlight dipper and flasher switch, Parking light switch, Headlight range control regulator, Onboard supply control unit

E1	Light switch
E2	Turn signal switch
E4	Headlight dipper and flasher switch
E19	Parking light switch
E102	Headlight range control regulator
J519	Onboard supply control unit
T6w	6-pin connector
T11a	11-pin connector, on left in plenum chamber
T12a	12-pin connector
T16b	16-pin connector
*	Only models with daytime running lights
*2	Only models with parking lights
*3	Only models with rear fog light

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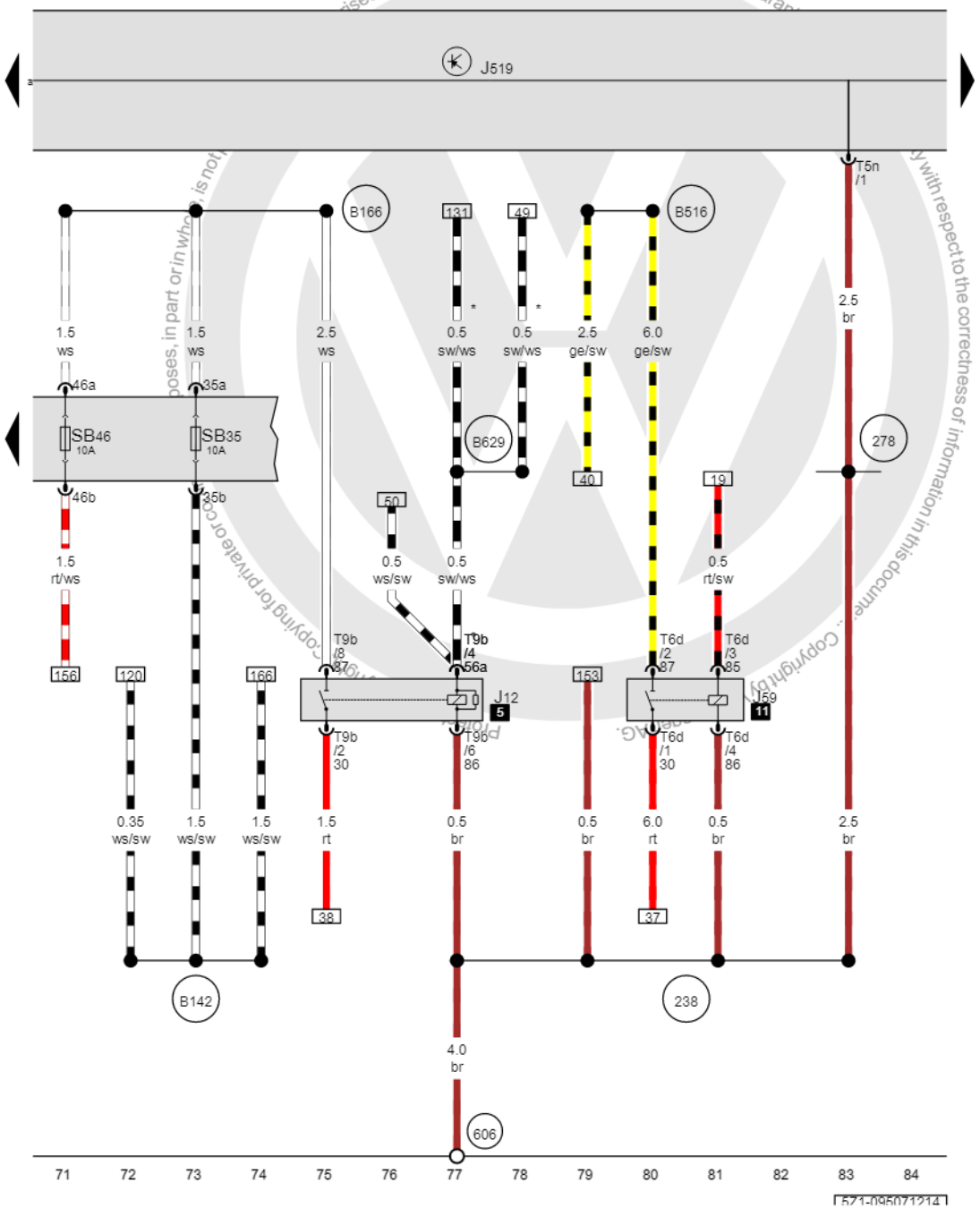


Onboard supply control unit

J519	Onboard supply control unit
SB31	Fuse 31 on fuse holder B
SB32	Fuse 32 on fuse holder B
SB36	Fuse 36 on fuse holder B
SB43	Fuse 43 on fuse holder B
SB47	Fuse 47 on fuse holder B
T12d	12-pin connector, on left in plenum chamber
B167	Connection (56b), in interior wiring harness
B496	Positive connection 4 (58R), in interior wiring harness
B497	Positive connection 2 (58L), in interior wiring harness
B608	Connection 4, in interior wiring harness
*	Only models with parking lights

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rt	=	red
br	=	brown
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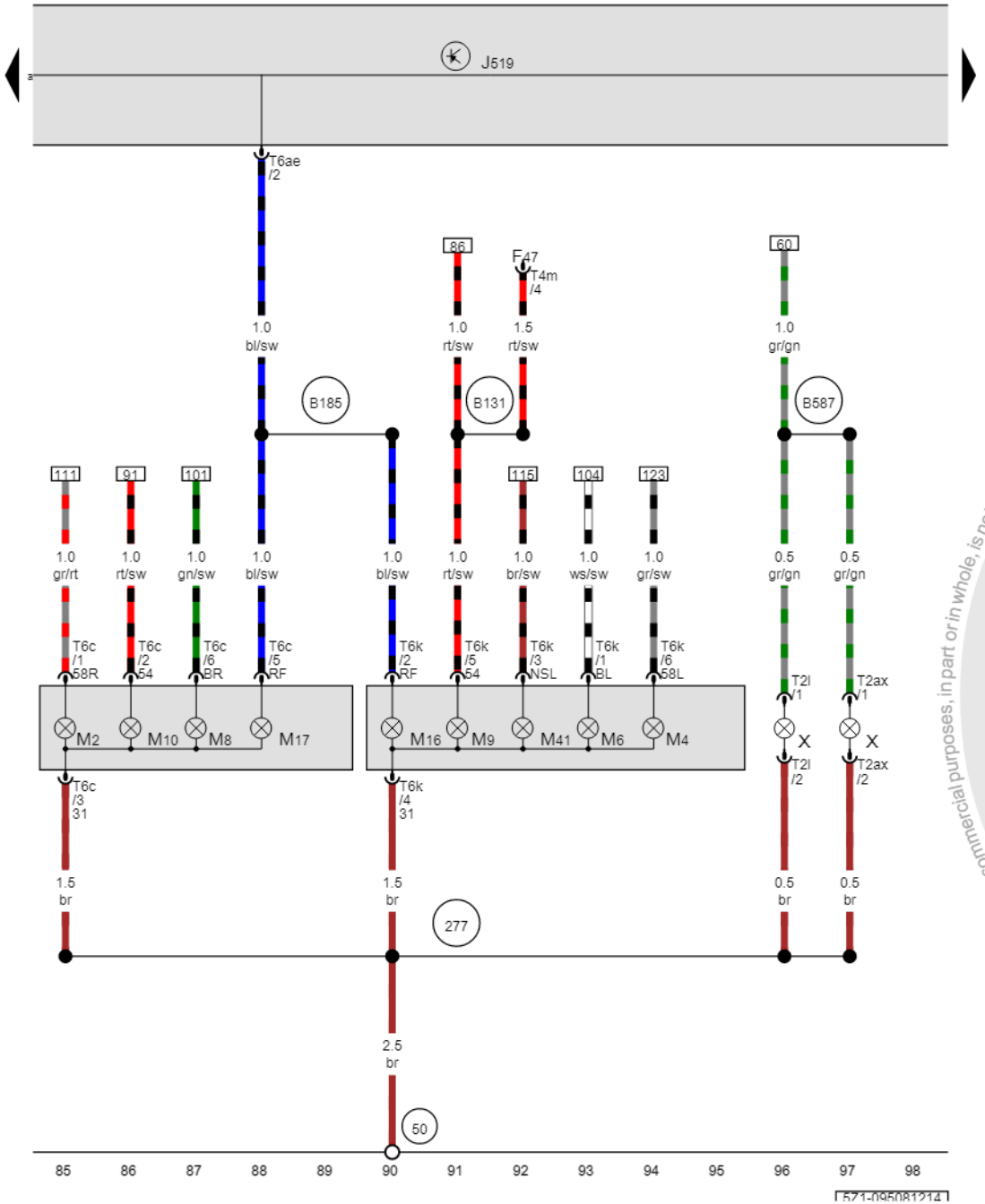
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Headlight main beam relay, X-contact relief relay, Onboard supply control unit

J12	Headlight main beam relay
J59	X-contact relief relay
J519	Onboard supply control unit
SB35	Fuse 35 on fuse holder B
SB46	Fuse 46 on fuse holder B
T5n	5-pin connector
T6d	6-pin connector
T9b	9-pin connector
238	Earth connection 1, in interior wiring harness
278	Earth connection 4, in interior wiring harness
606	Earth point, under the centre console near gear stick
B142	Positive connection 2 (56a), in interior wiring harness
B166	Connection (56a), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
B629	Connection (56a), in main wiring harness
*	Only models with rear fog light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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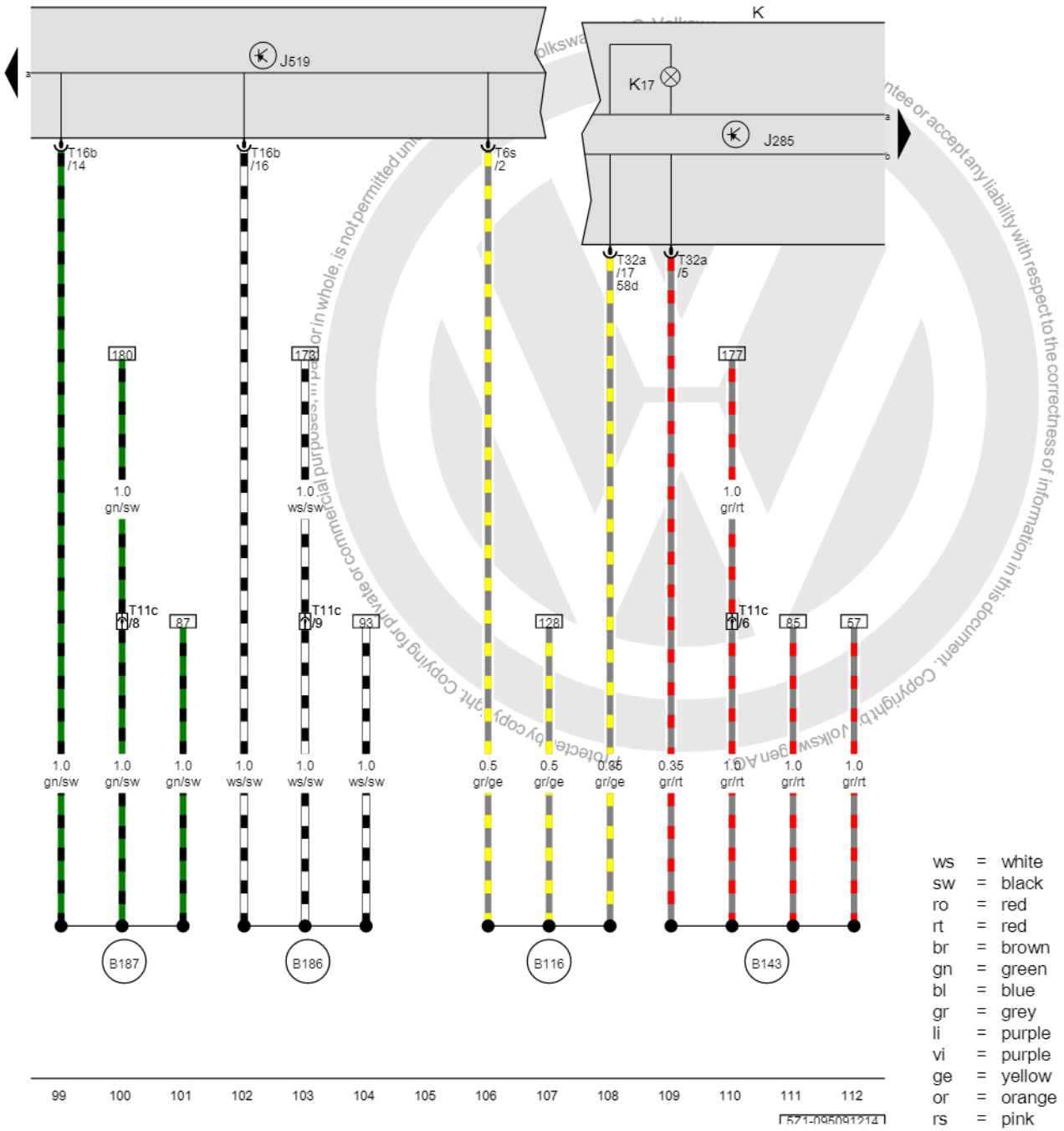


Onboard supply control unit, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb, Left tail light and rear fog light bulb

F47	Brake pedal switch
J519	Onboard supply control unit
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M41	Left tail light and rear fog light bulb
T2ax	2-pin connector
T2l	2-pin connector
T4m	4-pin connector
T6ae	6-pin connector
T6c	6-pin connector
T6k	6-pin connector
X	Number plate light
50	Earth point, on left in luggage compartment
277	Earth connection 3, in interior wiring harness
B131	Connection (54), in interior wiring harness
B185	Connection 2 (54), in interior wiring harness
B587	Positive connection 7 (87), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
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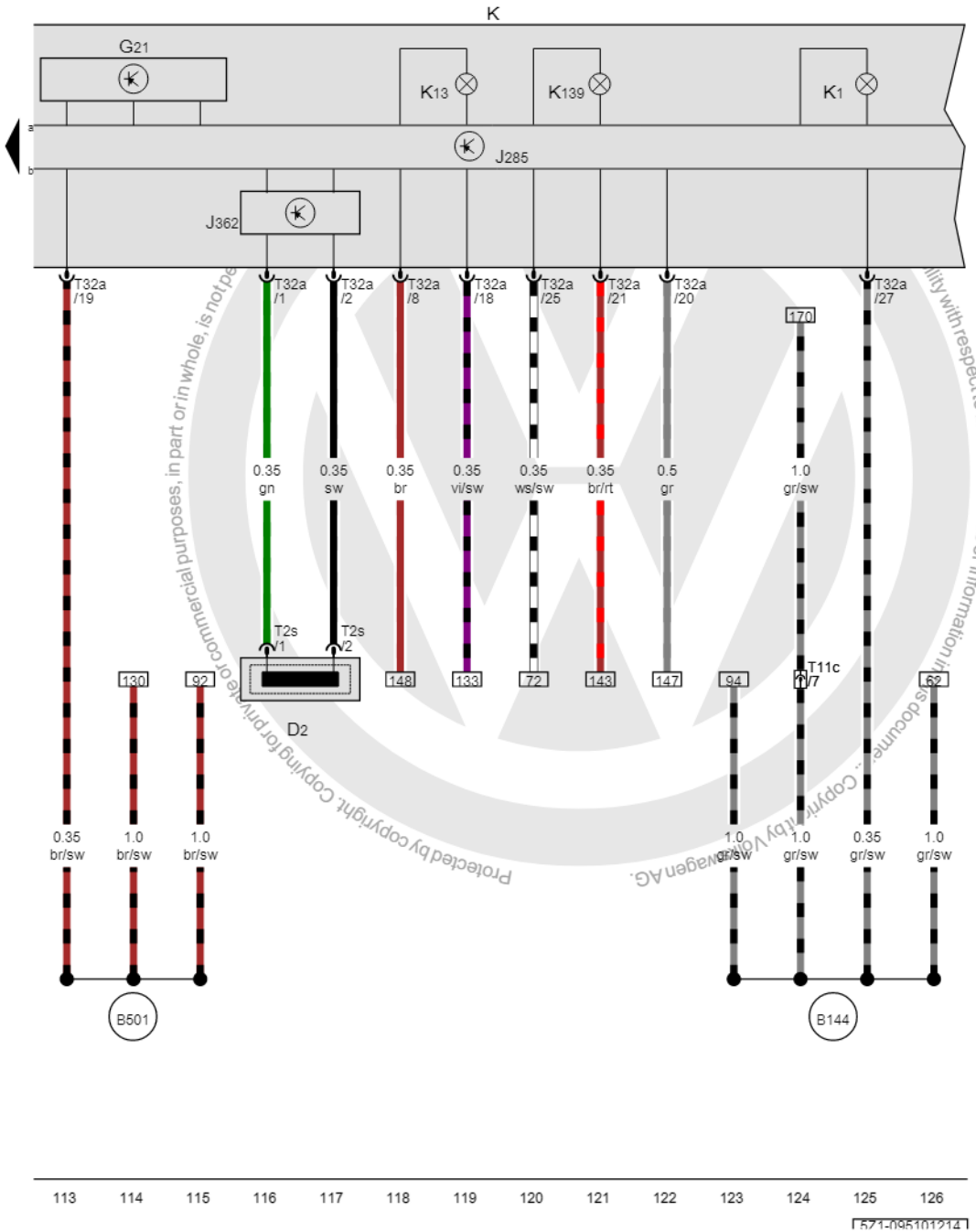


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sw = black
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gn = green
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rs = pink

Control unit in dash panel insert, Onboard supply control unit, Dash panel insert, Fog light warning lamp

J285	Control unit in dash panel insert
J519	Onboard supply control unit
K	Dash panel insert
K17	Fog light warning lamp
T6s	6-pin connector
T11c	11-pin connector, on left in plenum chamber
T16b	16-pin connector
T32a	32-pin connector
B116	Connection (58d), in interior wiring harness
B143	Positive connection (58R), in interior wiring harness
B186	Connection 2 (LTS), in interior wiring harness
B187	Connection 2 (RTS), in interior wiring harness

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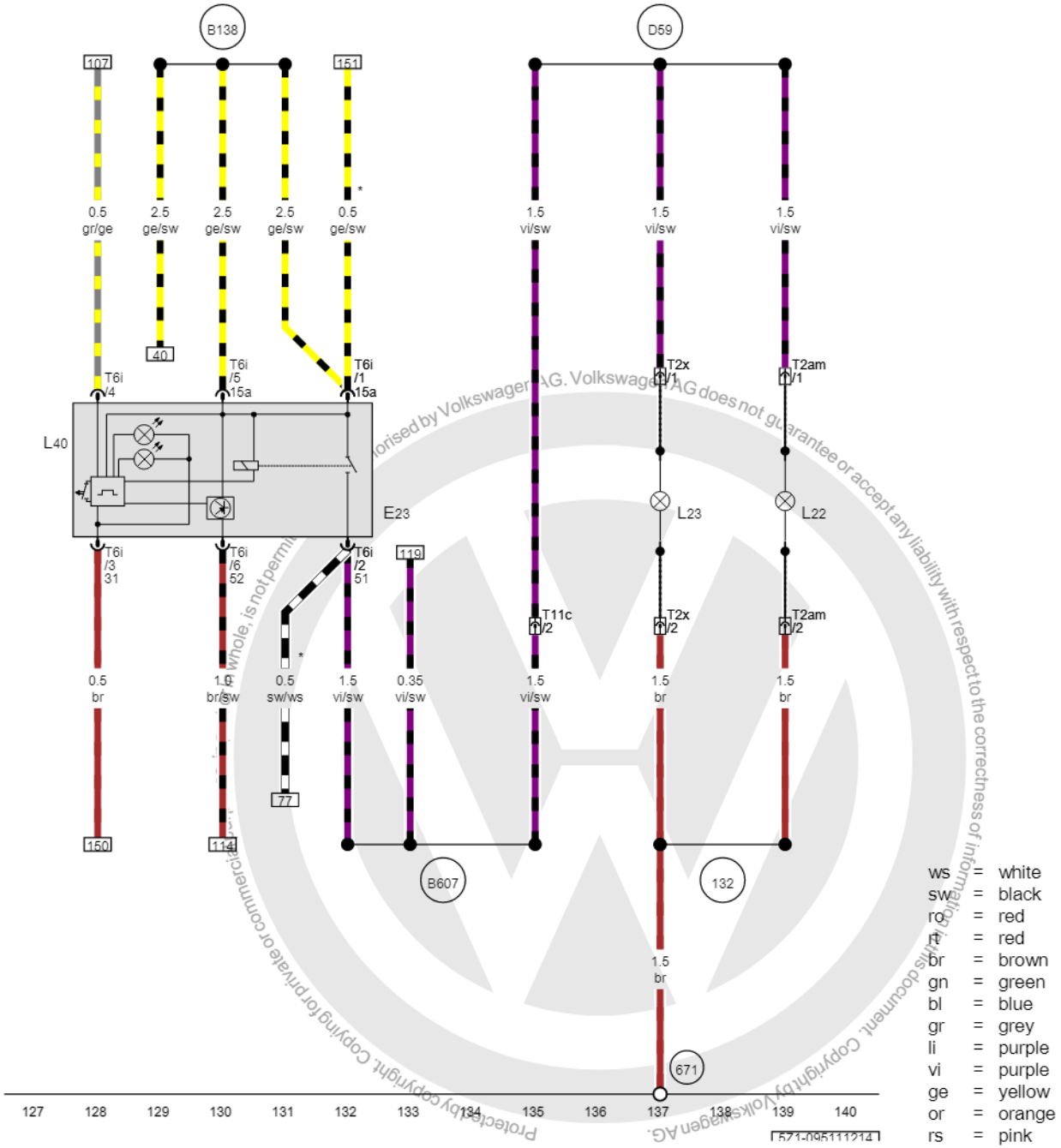


Immobiliser reader coil, Speedometer, Control unit in dash panel insert, Immobiliser control unit, Dash panel insert, Main beam warning lamp, Rear fog light warning lamp, Handbrake warning lamp

D2	Immobiliser reader coil
G21	Speedometer
J285	Control unit in dash panel insert
J362	Immobiliser control unit
K	Dash panel insert
K1	Main beam warning lamp
K13	Rear fog light warning lamp
K139	Handbrake warning lamp
T2s	2-pin connector
T11c	11-pin connector, on left in plenum chamber
T32a	32-pin connector
B144	Positive connection (58L), in interior wiring harness
B501	Positive connection (83b), in interior wiring harness

ws	=	white
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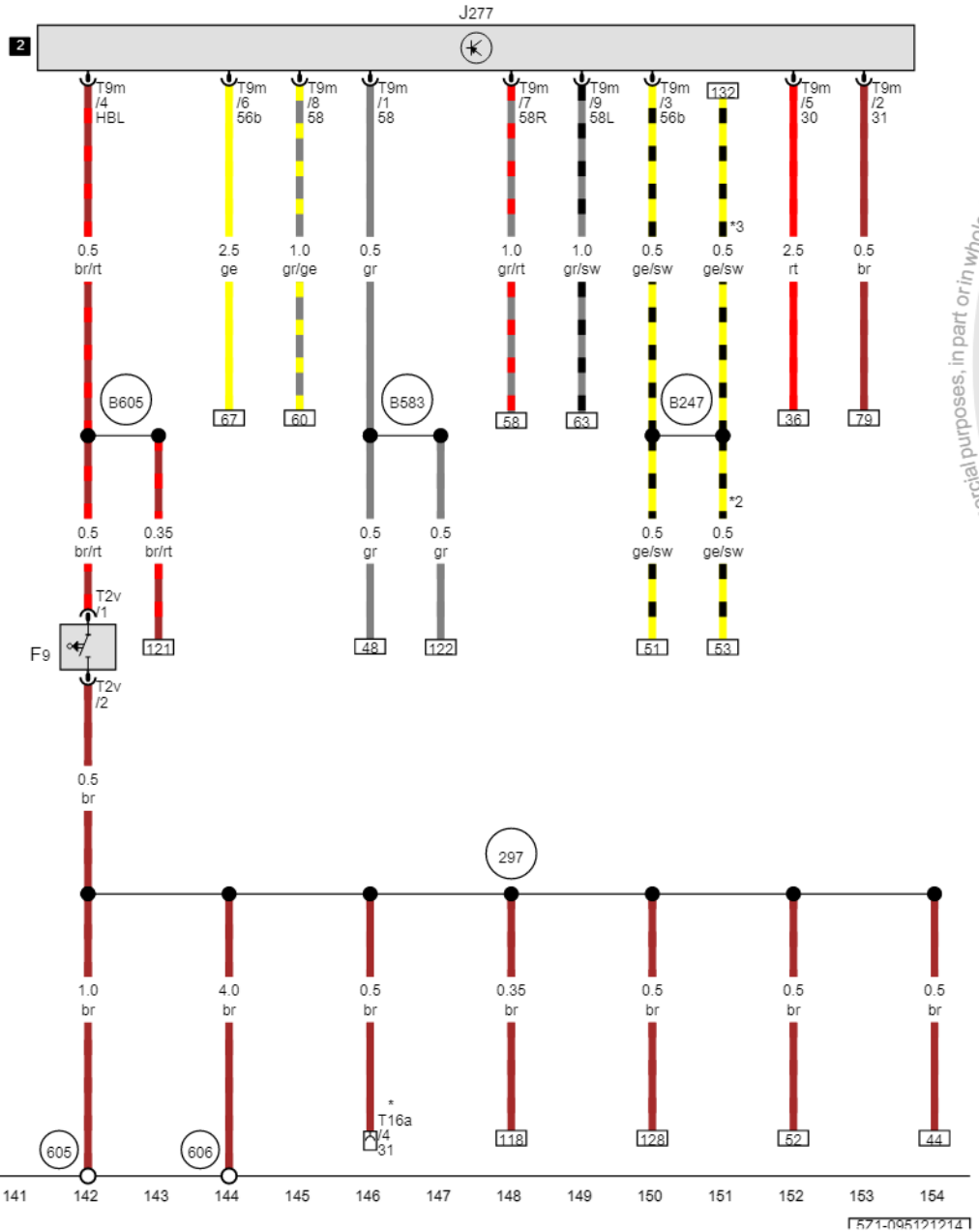
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Front and rear fog light switch, Left fog light bulb, Right fog light bulb, Front and rear fog light switch illumination bulb

E23	Front and rear fog light switch
L22	Left fog light bulb
L23	Right fog light bulb
L40	Front and rear fog light switch illumination bulb
T2am	2-pin connector
T2x	2-pin connector
T6i	6-pin connector
T11c	11-pin connector, on left in plenum chamber
132	Earth connection 3, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
B138	Positive connection (X), in interior wiring harness
B607	Connection 3, in interior wiring harness
D59	Connection (fog light), in engine compartment wiring harness
*	Only models with rear fog light

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Handbrake warning switch, Relay for daytime running lights, side and tail lights



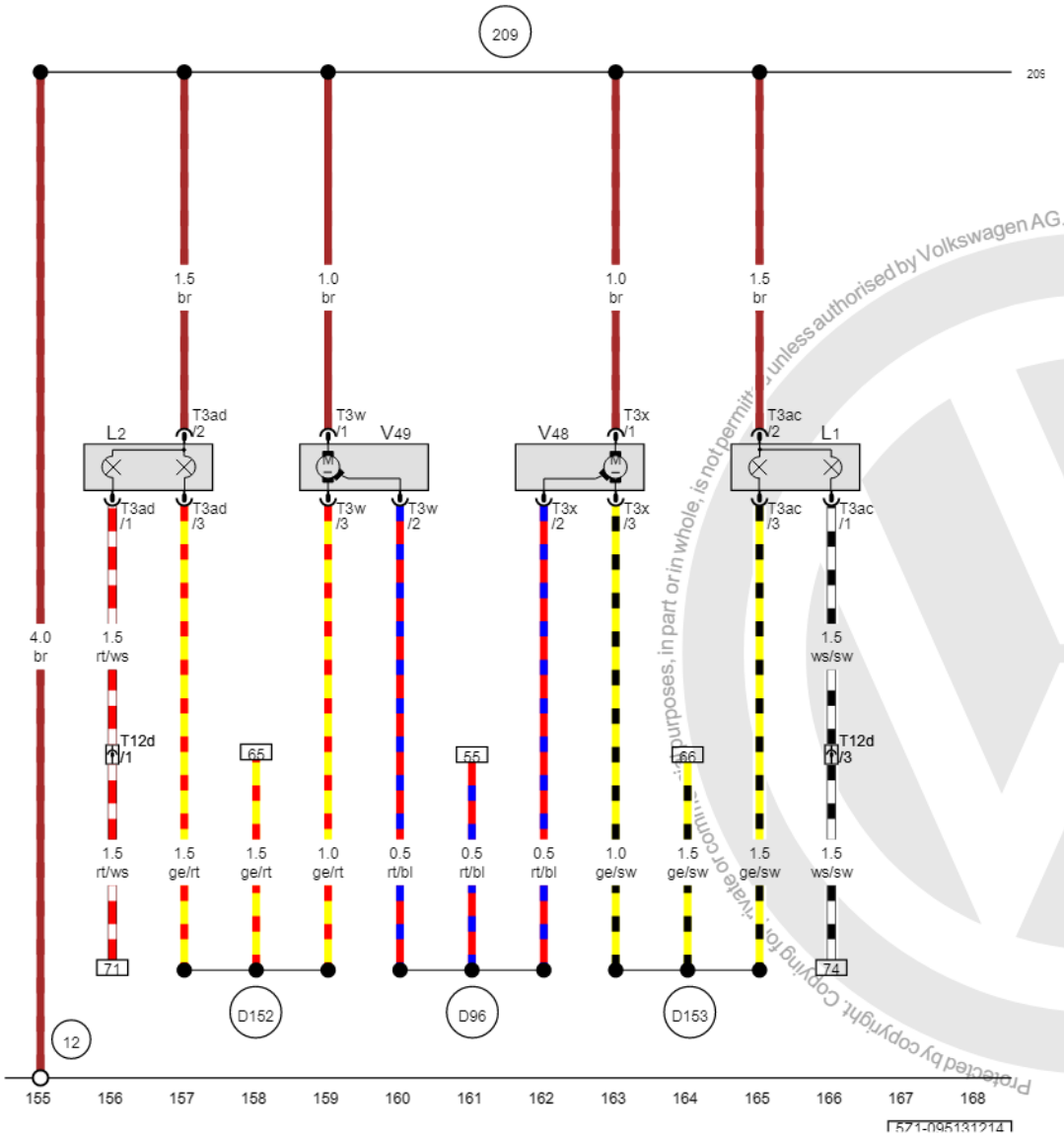
F9	Handbrake warning switch
J277	Relay for daytime running lights, side and tail lights
T2v	2-pin connector
T9m	9-pin connector
T16a	16-pin connector
297	Earth connection 12, in interior wiring harness
605	Earth point, on top end of steering column
606	Earth point, under the centre console near gear stick
B247	Connection 2 (56b), in interior wiring harness
B583	Positive connection (58), in interior wiring harness
B605	Connection 1, in interior wiring harness
*	Diagnostic connection
*2	Only models with daytime running lights
*3	Only models with rear fog light

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Left headlight twin filament bulb, Right headlight twin filament bulb, Left headlight range control motor, Right headlight range control motor

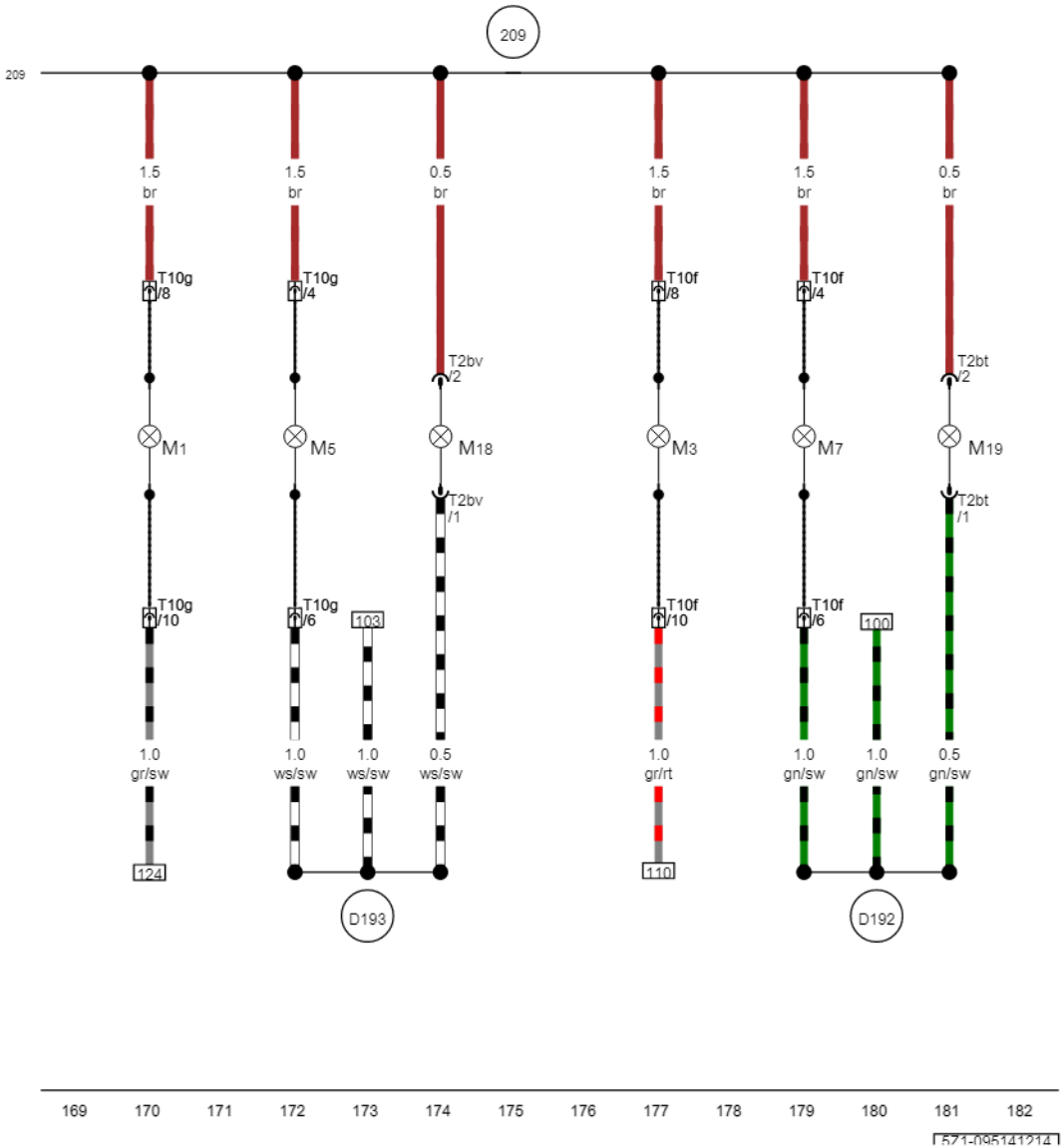
L1	Left headlight twin filament bulb
L2	Right headlight twin filament bulb
T3ac	3-pin connector
T3ad	3-pin connector
T3w	3-pin connector
T3x	3-pin connector
T12d	12-pin connector, on left in plenum chamber
V48	Left headlight range control motor
V49	Right headlight range control motor
12	Earth point, on left in engine compartment
209	Earth connection 6, in engine compartment wiring harness
D96	Connection (headlight range control), in engine compartment wiring harness
D152	Positive connection 1 (56b), in engine compartment wiring harness
D153	Positive connection 2 (56b), in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left turn signal repeater bulb, Right turn signal repeater bulb



M1	Left side light bulb
M3	Right side light bulb
M5	Front left turn signal bulb
M7	Front right turn signal bulb
M18	Left turn signal repeater bulb
M19	Right turn signal repeater bulb
T2bt	2-pin connector
T2bv	2-pin connector
T10f	10-pin connector
T10g	10-pin connector
209	Earth connection 6, in engine compartment wiring harness
D192	Connection 1 (RTS), in engine compartment wiring harness
D193	Connection 1 (LTS), in engine compartment wiring harness

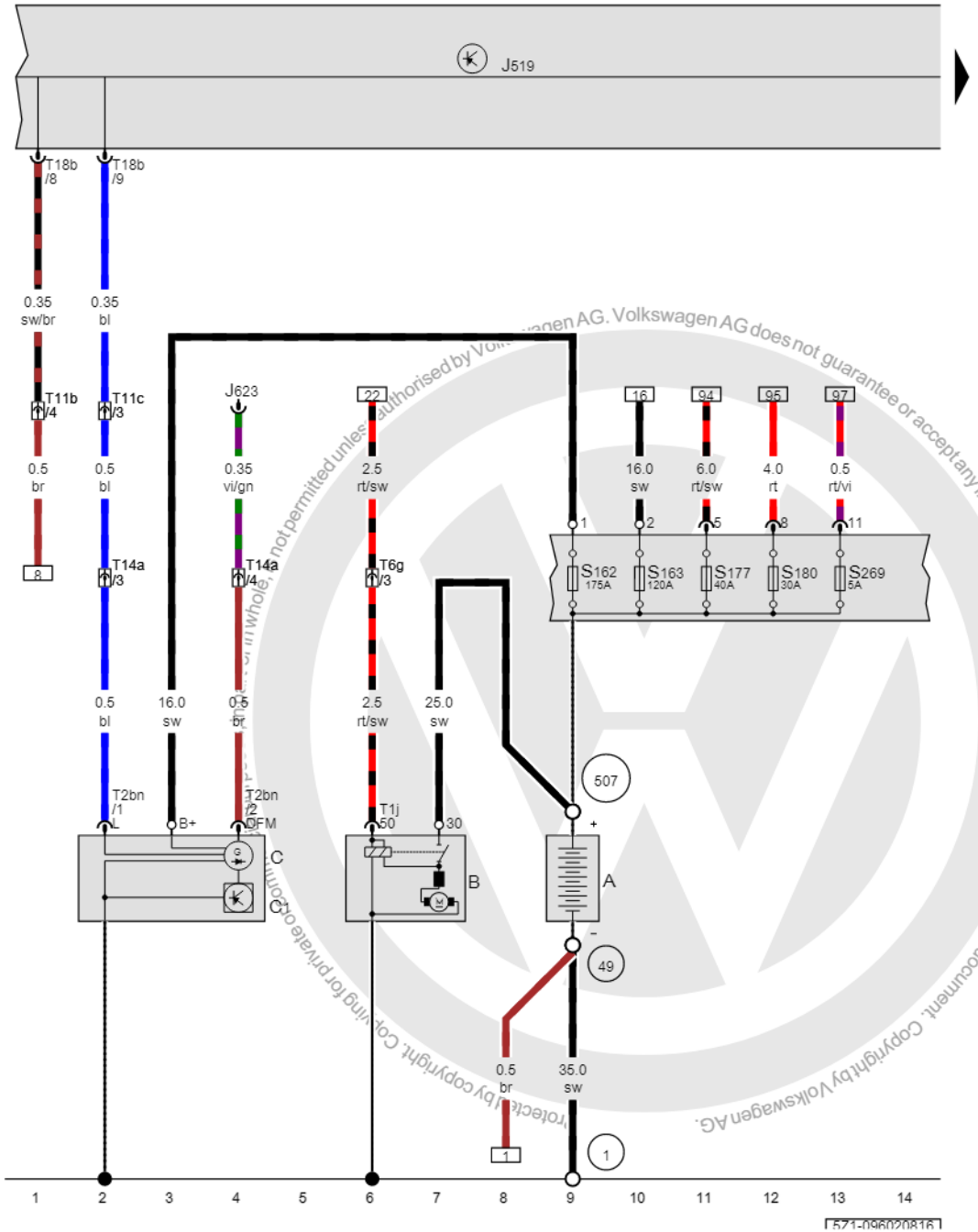
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rt	=	red
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gn	=	green
bl	=	blue
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ge	=	yellow
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Climatic , CHFA,CHFB,(F6G)

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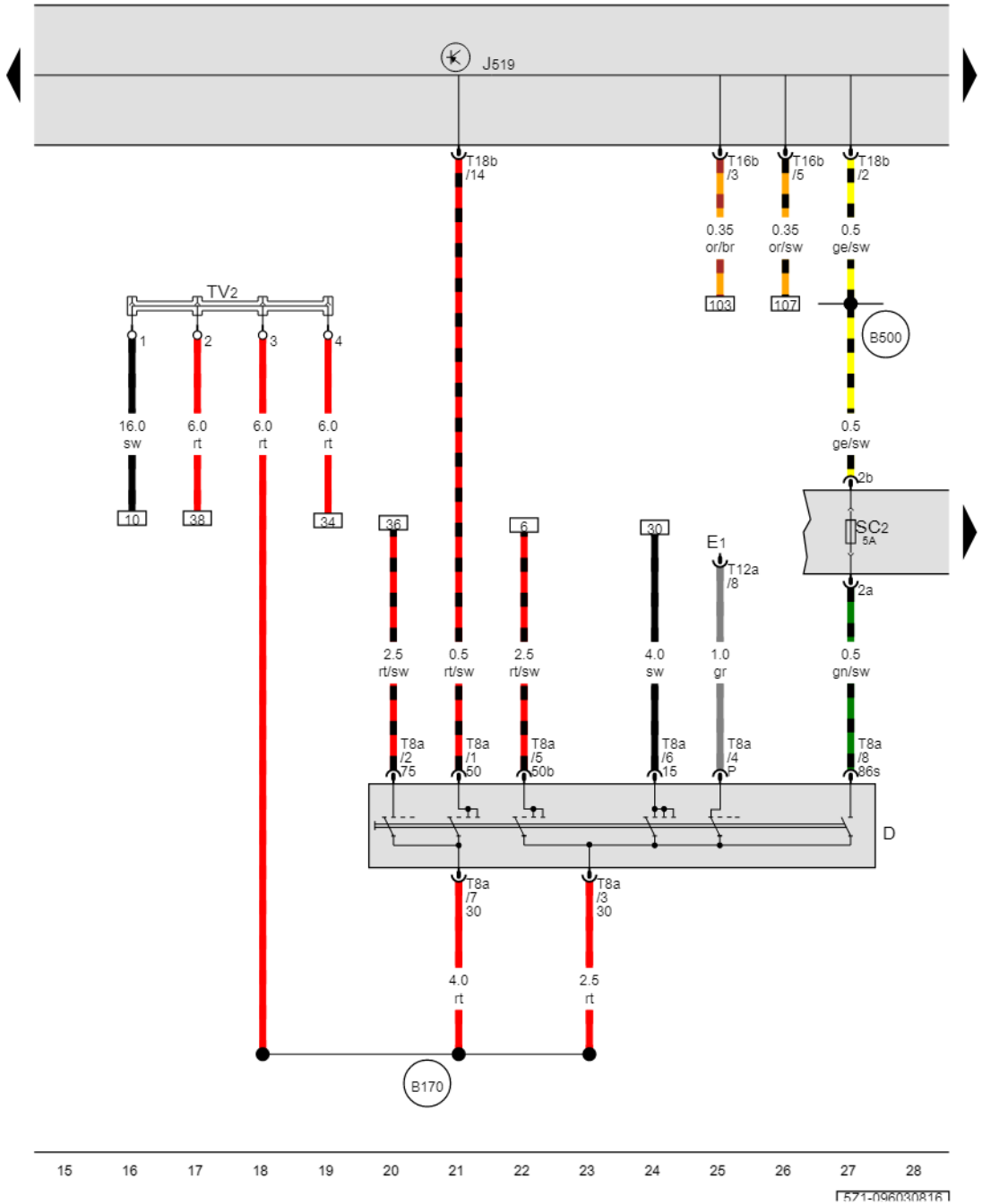


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S177	Fuse 5 (30), in battery fuse holder
S180	Fuse 8 (30), in battery fuse holder
S269	Fuse 11 (30), in battery fuse holder
T1j	Single connector
T2bn	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T18b	18-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder

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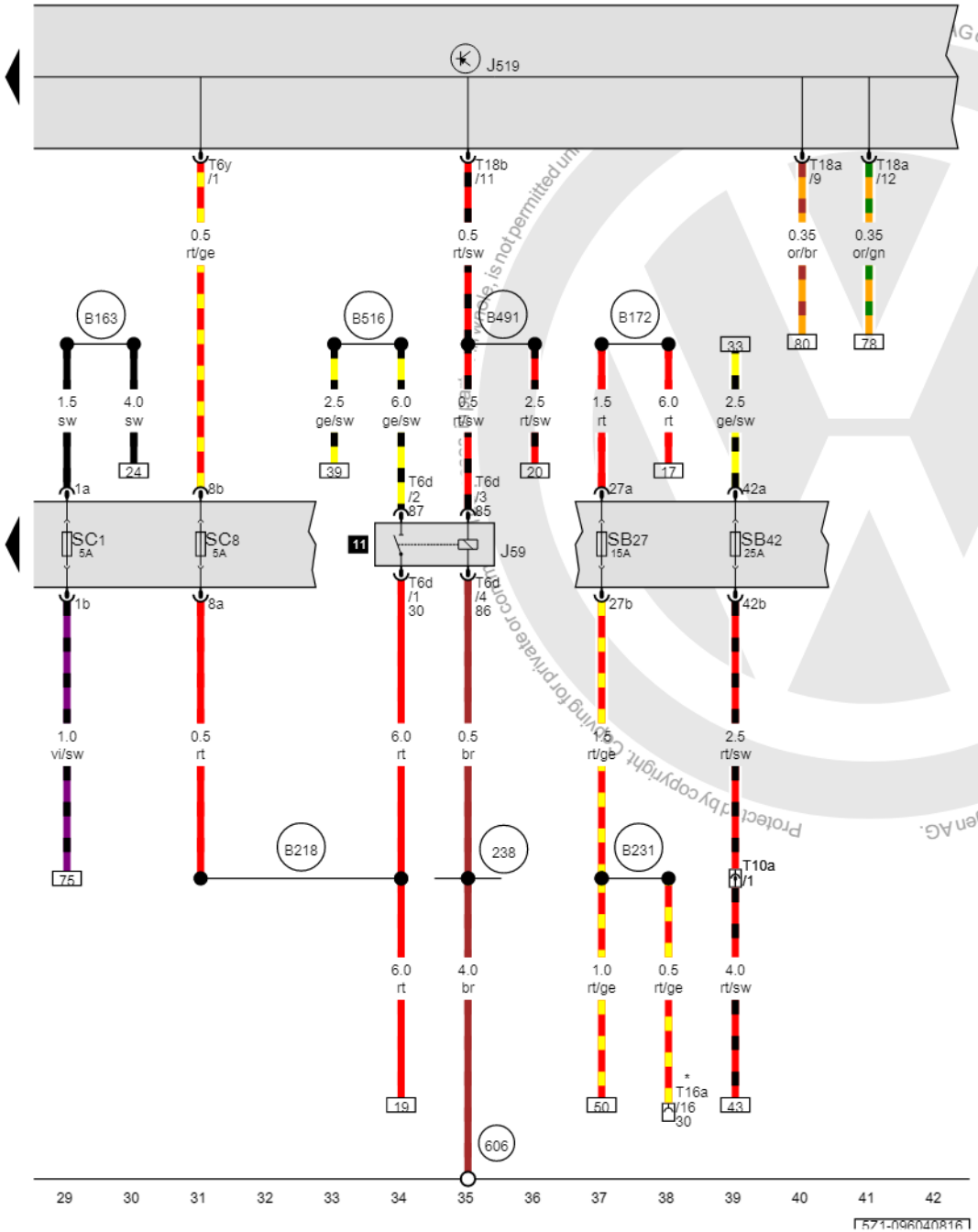


Ignition/starter switch, Onboard supply control unit, Terminal 30 wiring junction

D	Ignition/starter switch
E1	Light switch
J519	Onboard supply control unit
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector
T12a	12-pin connector
T16b	16-pin connector
T18b	18-pin connector
TV2	Terminal 30 wiring junction
B170	Positive connection 2 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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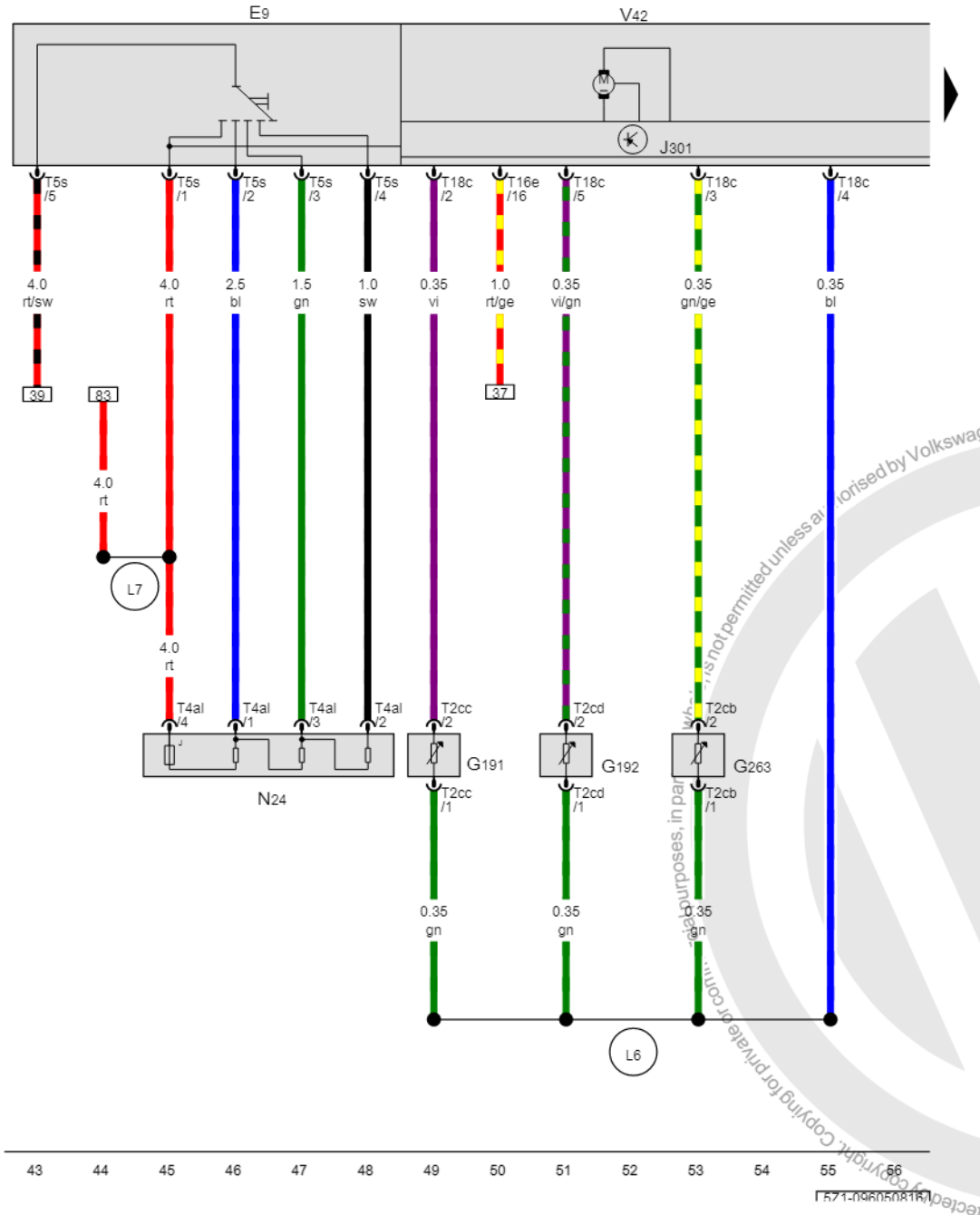


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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

X-contact relief relay, Onboard supply control unit

J59	X-contact relief relay
J519	Onboard supply control unit
SC1	Fuse 1 on fuse holder C
SC8	Fuse 8 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB42	Fuse 42 on fuse holder B
T6d	6-pin connector
T6y	6-pin connector
T10a	10-pin connector, behind dash panel, right
T16a	16-pin connector
T18a	18-pin connector
T18b	18-pin connector
238	Earth connection 1, in interior wiring harness
606	Earth point, under the centre console near gear stick
B163	Positive connection 1 (15), in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
B218	Positive connection 6 (30), in interior wiring harness
B231	Positive connection 5 (30a), in interior wiring harness
B491	Positive connection (75), in interior wiring harness
B516	Positive connection 5 (87), in interior wiring harness
*	Diagnostic connection

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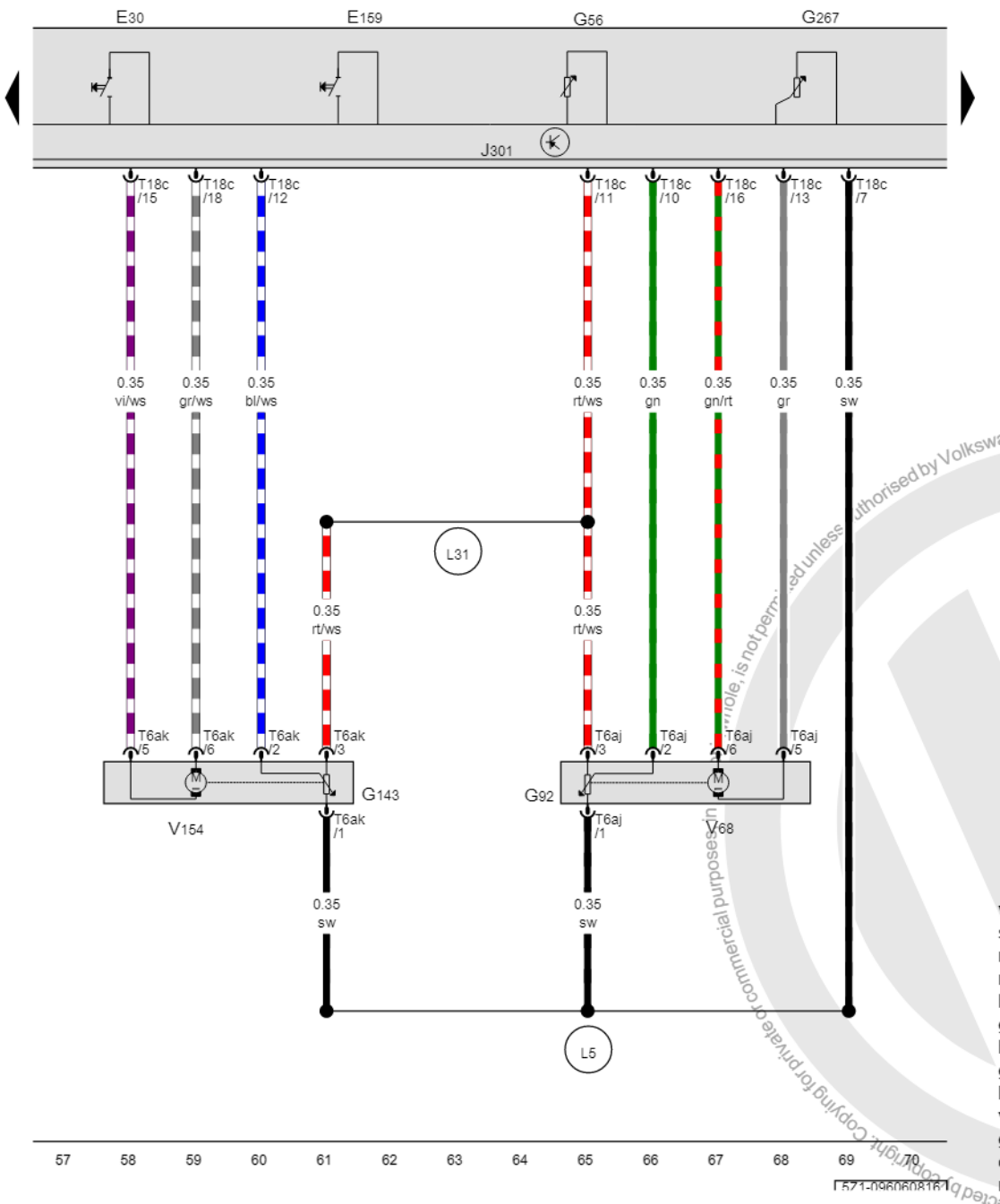


Fresh air blower switch, Centre vent temperature sender, Footwell vent temperature sender, Evaporator output temperature sender, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Temperature sensor blower

E9	Fresh air blower switch
G191	Centre vent temperature sender
G192	Footwell vent temperature sender
G263	Evaporator output temperature sender
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
T2cb	2-pin connector
T2cc	2-pin connector
T2cd	2-pin connector
T4al	4-pin connector
T5s	5-pin connector
T16e	16-pin connector
T18c	18-pin connector
V42	Temperature sensor blower
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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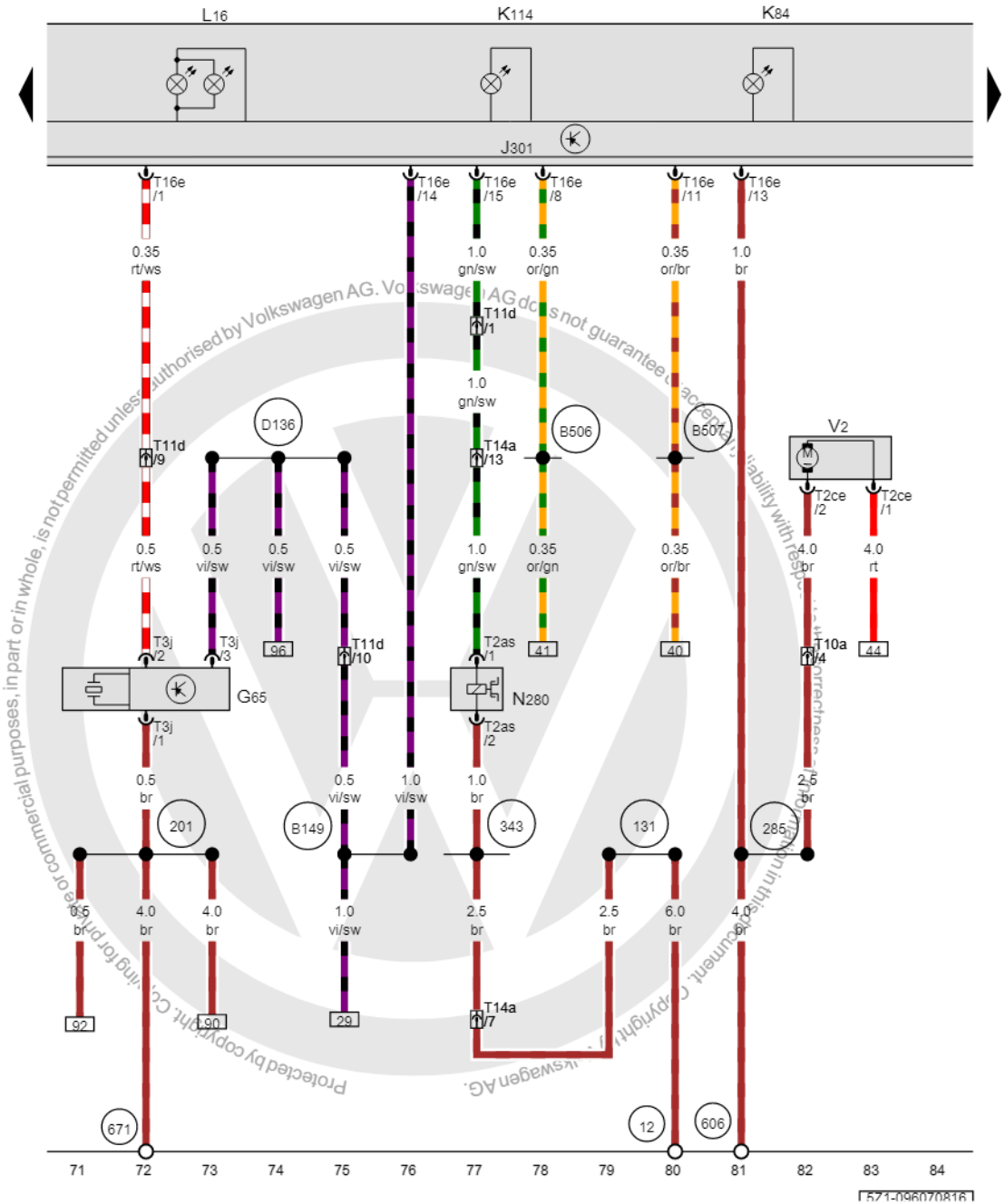
Fresh air and air recirculation flap switch, Potentiometer for temperature flap control motor, Potentiometer for air recirculation flap control motor, Air conditioning system control unit, Temperature flap control motor, Fresh air and air recirculation flap control motor

E30	Air conditioning system switch
E159	Fresh air and air recirculation flap switch
G56	Dash panel temperature sensor
G92	Potentiometer for temperature flap control motor
G143	Potentiometer for air recirculation flap control motor
G267	Potentiometer for temperature selection rotary knob
J301	Air conditioning system control unit
T6aj	6-pin connector
T6ak	6-pin connector
T18c	18-pin connector
V68	Temperature flap control motor
V154	Fresh air and air recirculation flap control motor
L5	Connection 1, in evaporator housing unit wiring harness
L31	Connection (5V), in air conditioning system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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High-pressure sender, Air conditioning system control unit



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

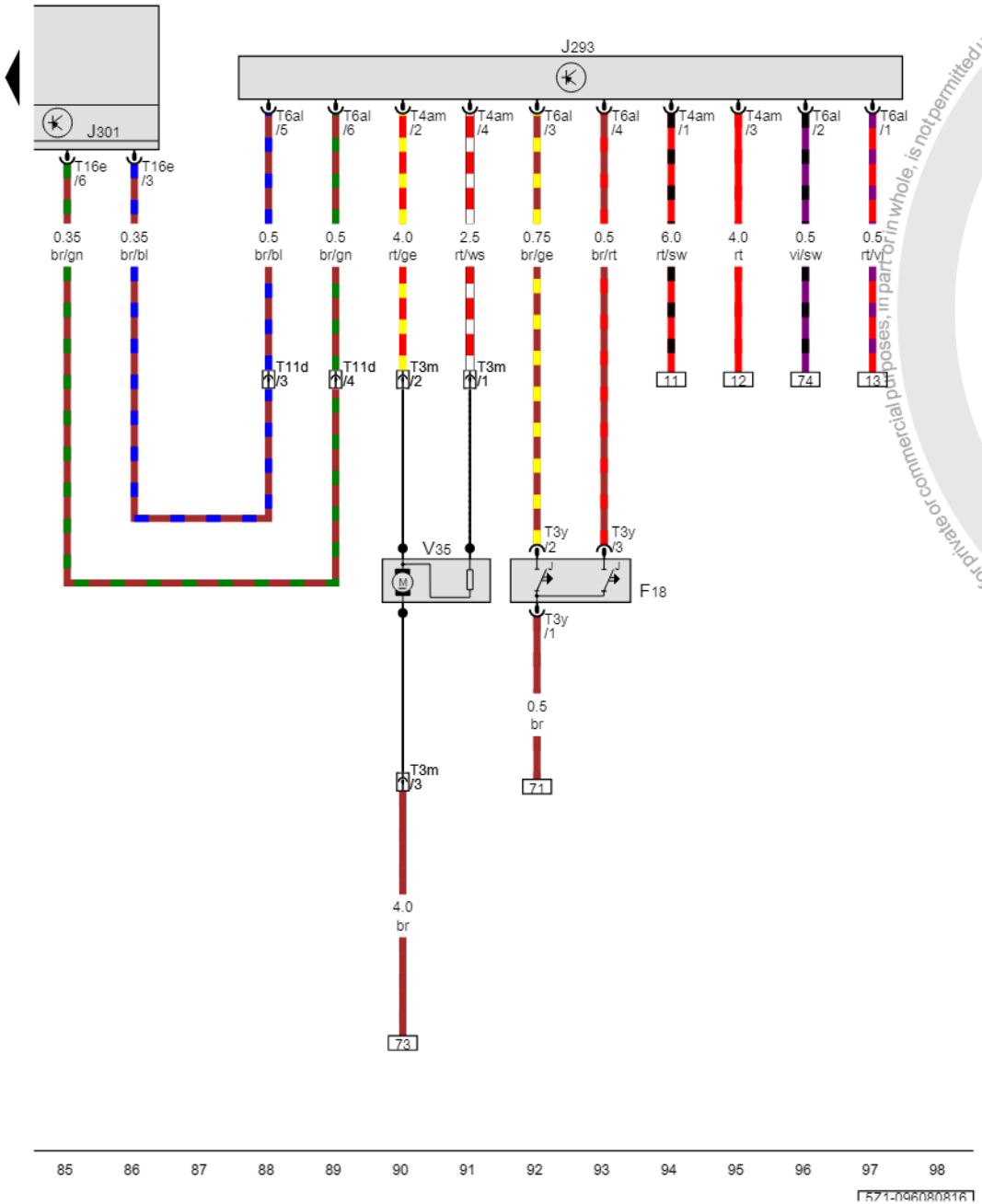
G65	High-pressure sender
J301	Air conditioning system control unit
K84	Air conditioning system warning lamp
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
N280	Air conditioner compressor regulating valve
T2as	2-pin connector
T2ce	2-pin connector
T3j	3-pin connector
T10a	10-pin connector, behind dash panel, right
T11d	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T16e	16-pin connector
V2	Fresh air blower
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
285	Earth connection 7, in interior wiring harness
343	Earth connection (ignition coil), in injection system wiring harness
606	Earth point, under the centre console near gear stick
671	Earth point 1, on front of left longitudinal member
B149	Positive connection 2 (15a), in interior wiring harness
B506	Connection (convenience CAN bus, high), in interior wiring harness
B507	Connection (convenience CAN bus, low), in interior wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness

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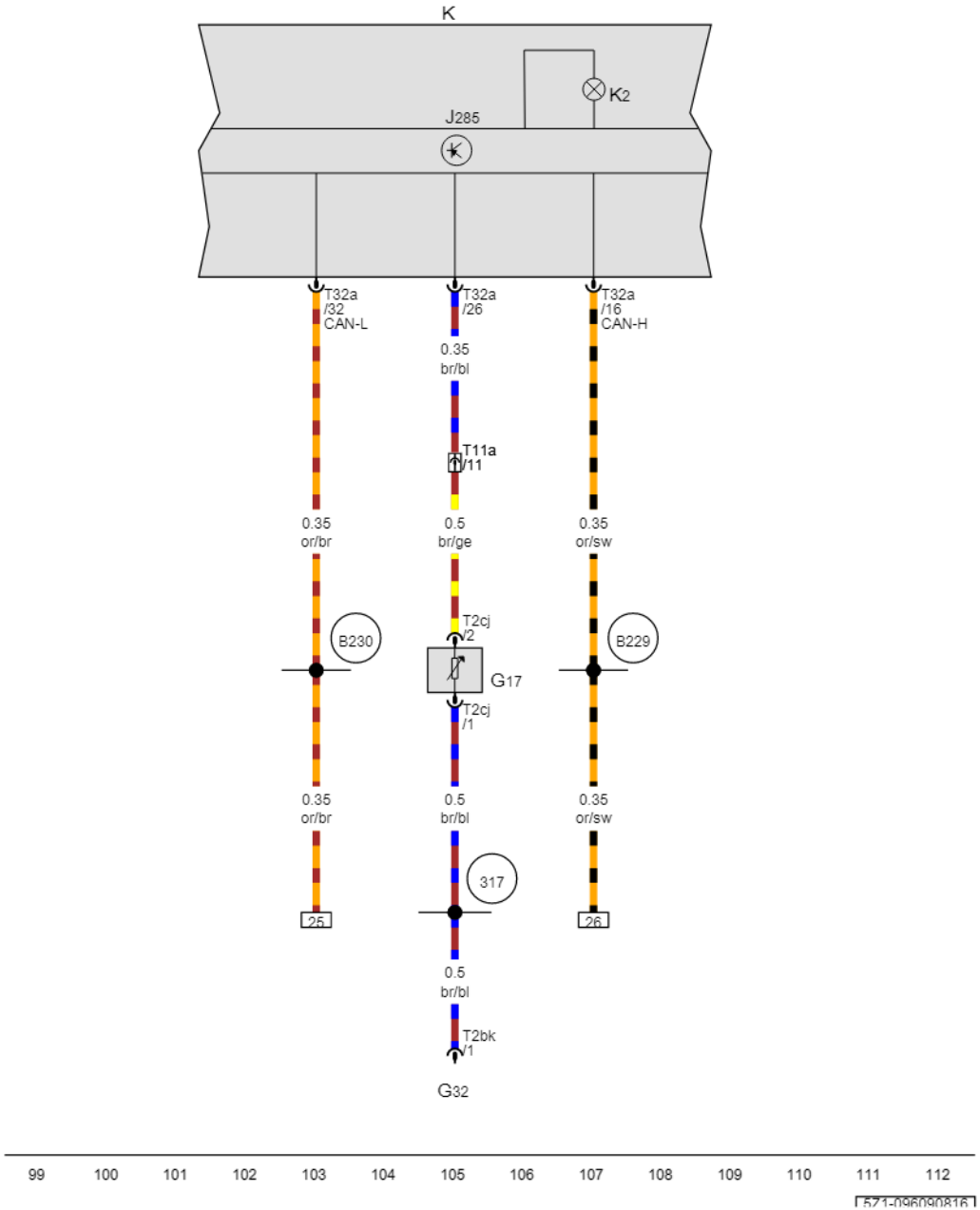
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Radiator fan thermal switch, Radiator fan control unit, Air conditioning system control unit, Right radiator fan

F18	Radiator fan thermal switch
J293	Radiator fan control unit
J301	Air conditioning system control unit
T3m	3-pin connector
T3y	3-pin connector
T4am	4-pin connector
T6al	6-pin connector
T11d	11-pin connector, on left in plenum chamber
T16e	16-pin connector
V35	Right radiator fan



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Ambient temperature sensor, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
T2bk	2-pin connector
T2cj	2-pin connector
T11a	11-pin connector, on left in plenum chamber
T32a	32-pin connector
317	Earth connection 7, in engine compartment wiring harness
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

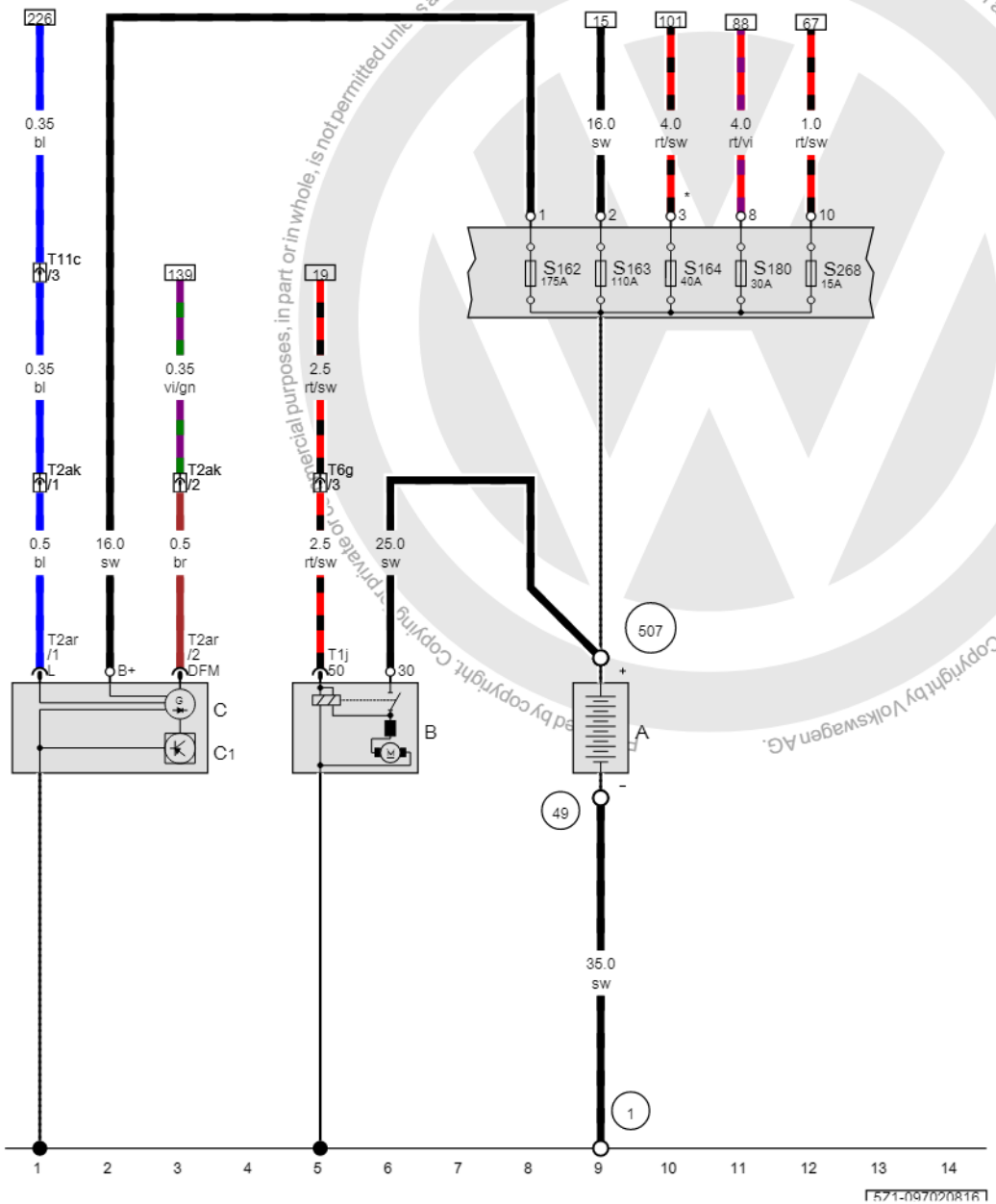
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1.6l petrol engine , CFZA,(F0A)

From August 2008

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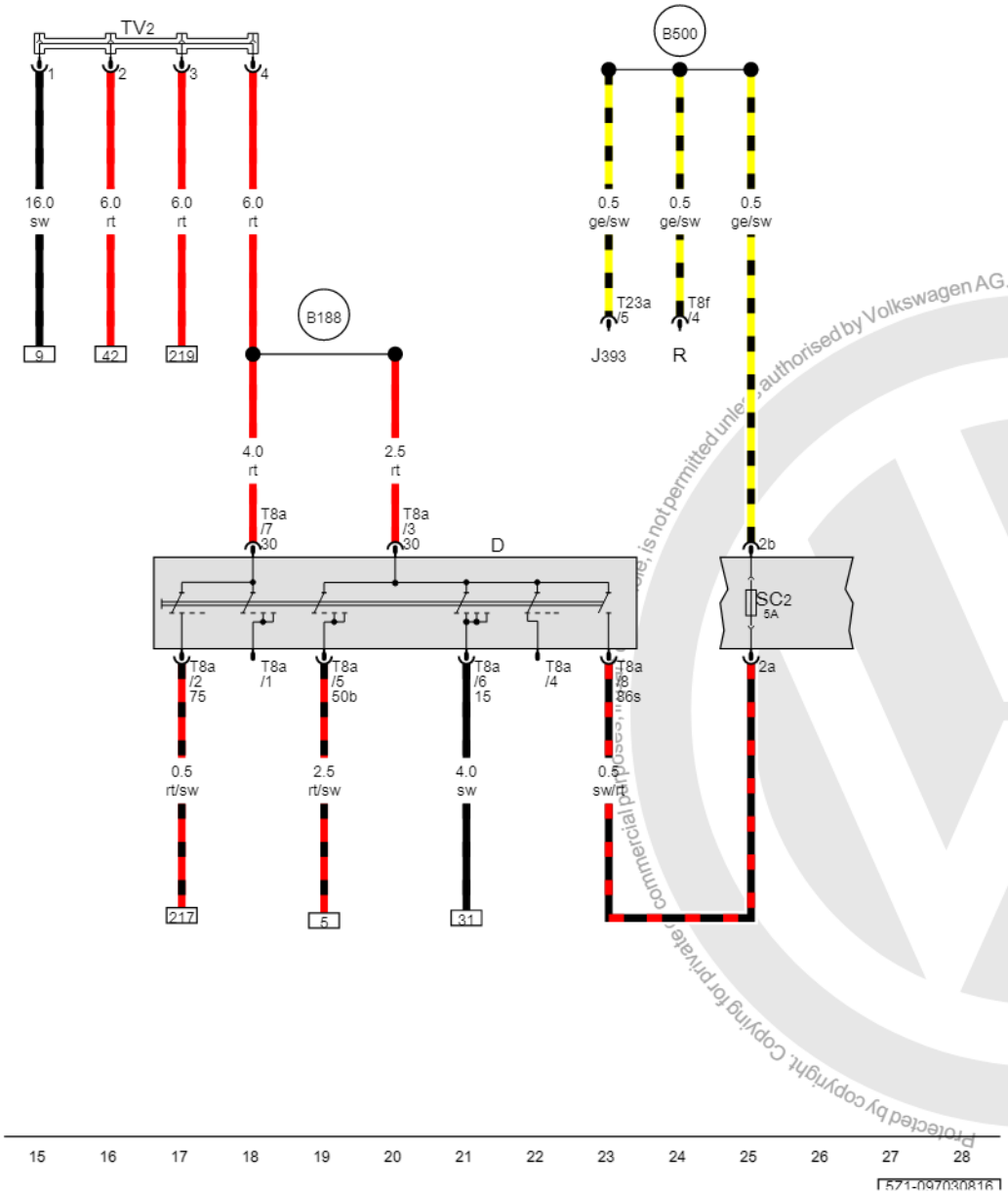
Battery, Starter, Alternator, Voltage regulator

A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
S164	Fuse 3 (30), in battery fuse holder
S180	Fuse 8 (30), in battery fuse holder
S268	Fuse 10 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder
*	Only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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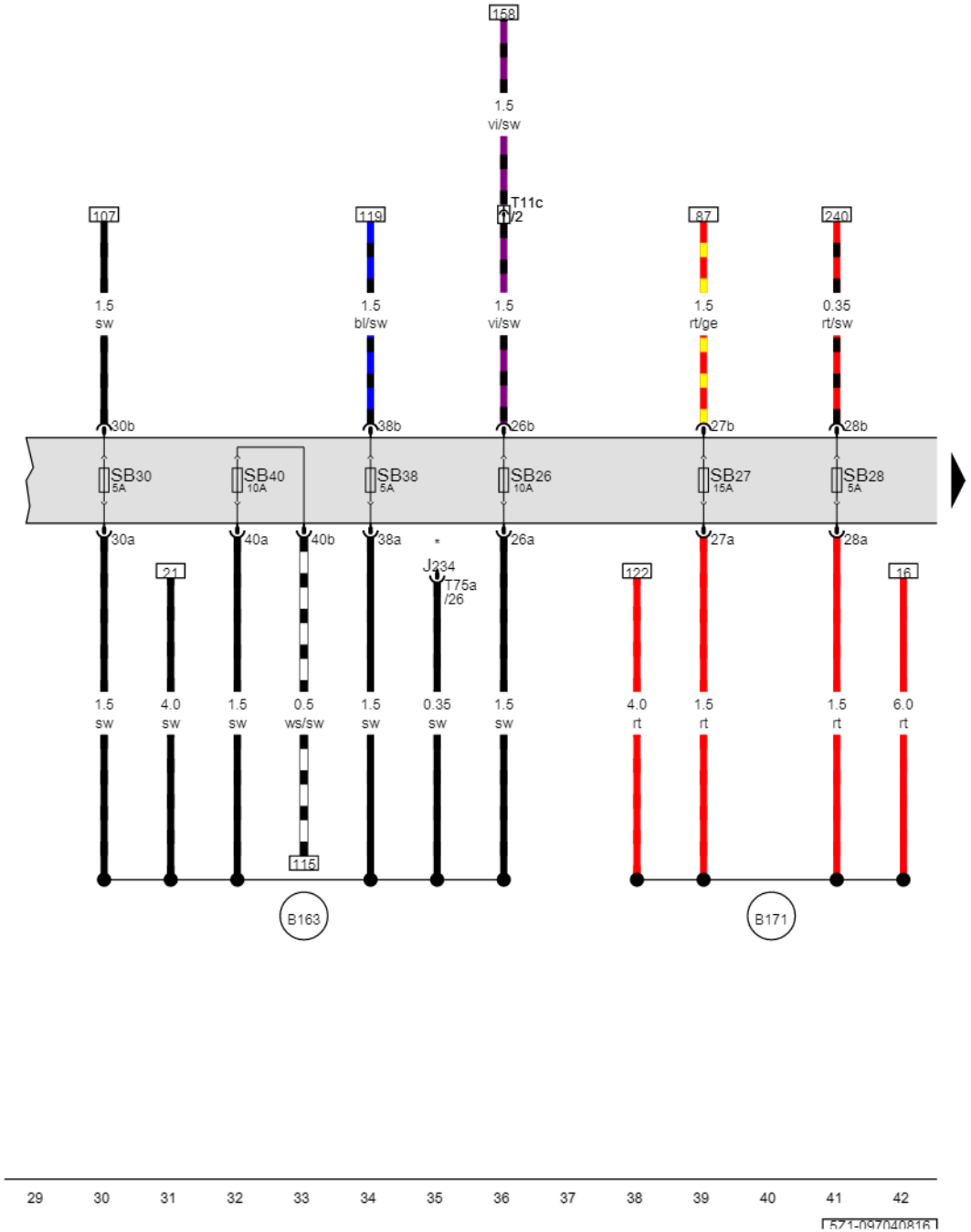
Ignition/starter switch, Terminal 30 wiring junction

D	Ignition/starter switch
J393	Convenience system central control unit
R	Radio
SC2	Fuse 2 on fuse holder C
T8a	8-pin connector
T8f	8-pin connector
T23a	23-pin connector
TV2	Terminal 30 wiring junction
B188	Positive connection 5 (30), in interior wiring harness
B500	Connection (86s), in interior wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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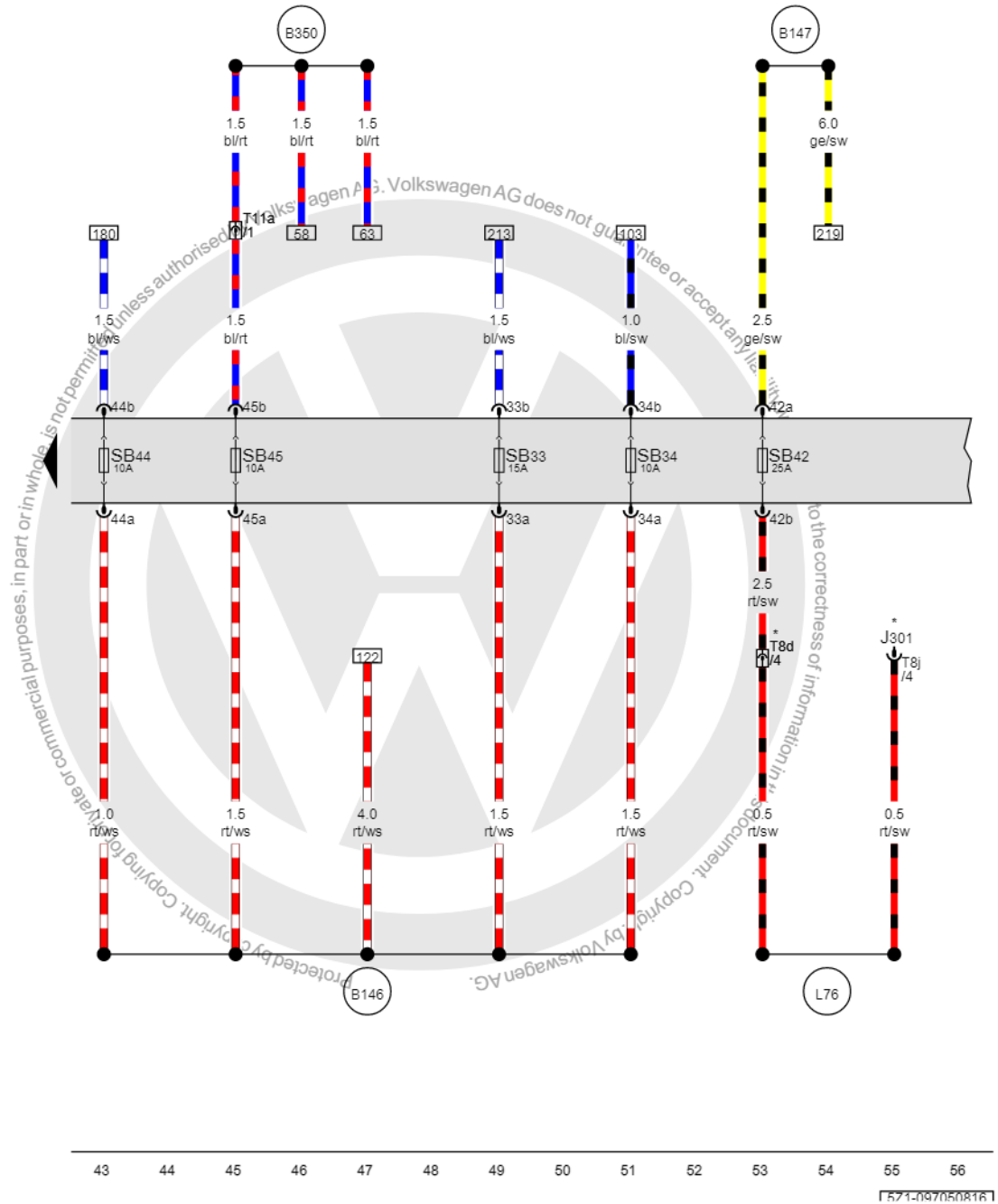


Fuse 26 on fuse holder B, Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 30 on fuse holder B, Fuse 38 on fuse holder B, Fuse 40 on fuse holder B

J234	Airbag control unit
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB30	Fuse 30 on fuse holder B
SB38	Fuse 38 on fuse holder B
SB40	Fuse 40 on fuse holder B
T11c	11-pin connector, on left in plenum chamber
T75a	75-pin connector
B163	Positive connection 1 (15), in interior wiring harness
B171	Positive connection 3 (30), in interior wiring harness
*	Only models with airbag

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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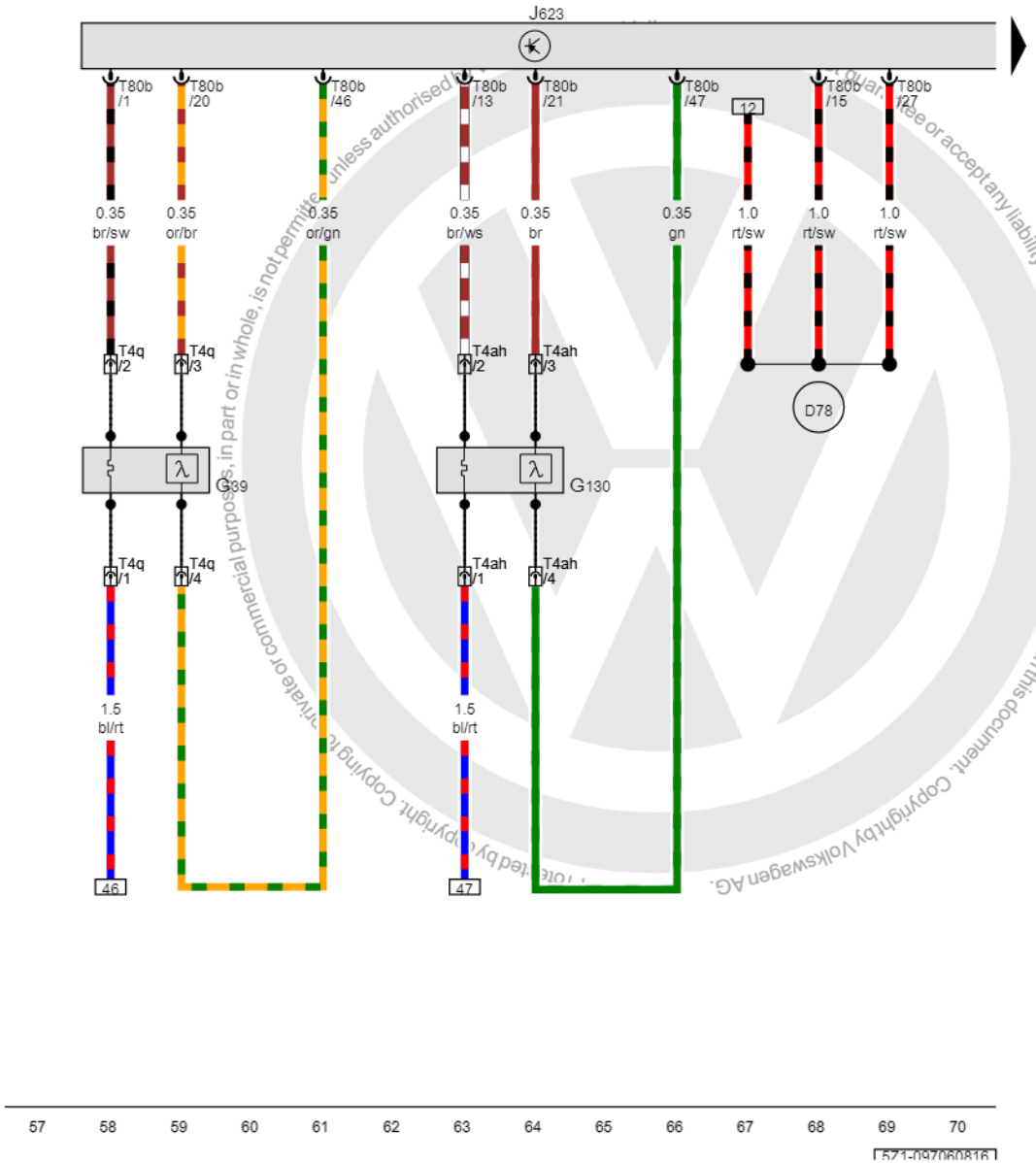
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
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vi = purple
ge = yellow
or = orange
rs = pink

Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 42 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

J301	Air conditioning system control unit
SB33	Fuse 33 on fuse holder B
SB34	Fuse 34 on fuse holder B
SB42	Fuse 42 on fuse holder B
SB44	Fuse 44 on fuse holder B
SB45	Fuse 45 on fuse holder B
T8d	8-pin connector, behind dash panel, centre
T8j	8-pin connector
T11a	11-pin connector, on left in plenum chamber
B146	Positive connection 1 (87), in interior wiring harness
B147	Positive connection 2 (87), in interior wiring harness
B350	Positive connection 1 (87a) in main wiring harness
L76	Connection (87), in air conditioning system wiring harness
*	Only models with air conditioning system

Lambda probe, Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4ah	4-pin connector
T4q	4-pin connector
T80b	80-pin connector
D78	Positive connection 1 (30a), in engine compartment wiring harness

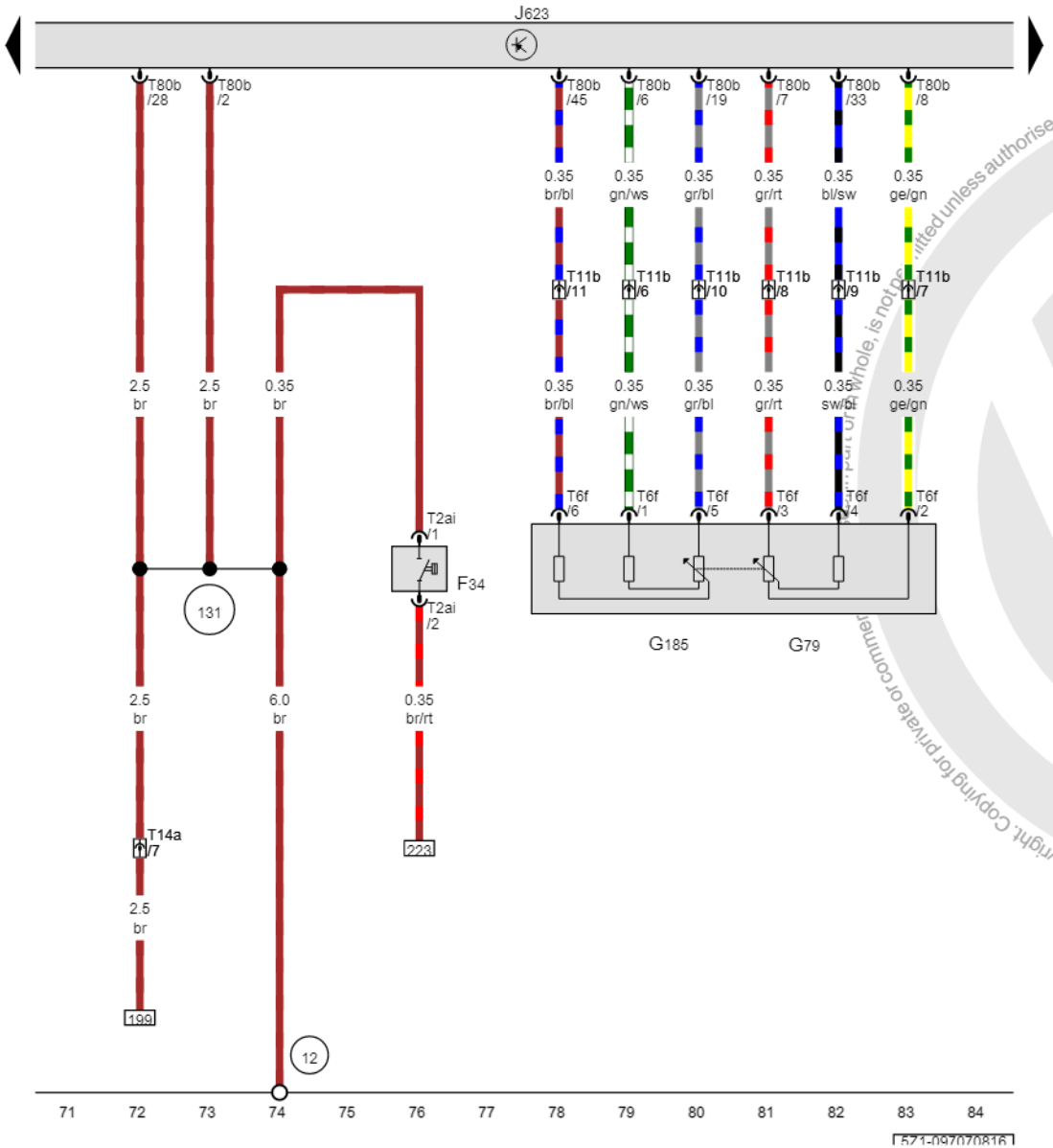


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Brake fluid level warning contact, Accelerator position sender, Accelerator position sender 2, Engine control unit

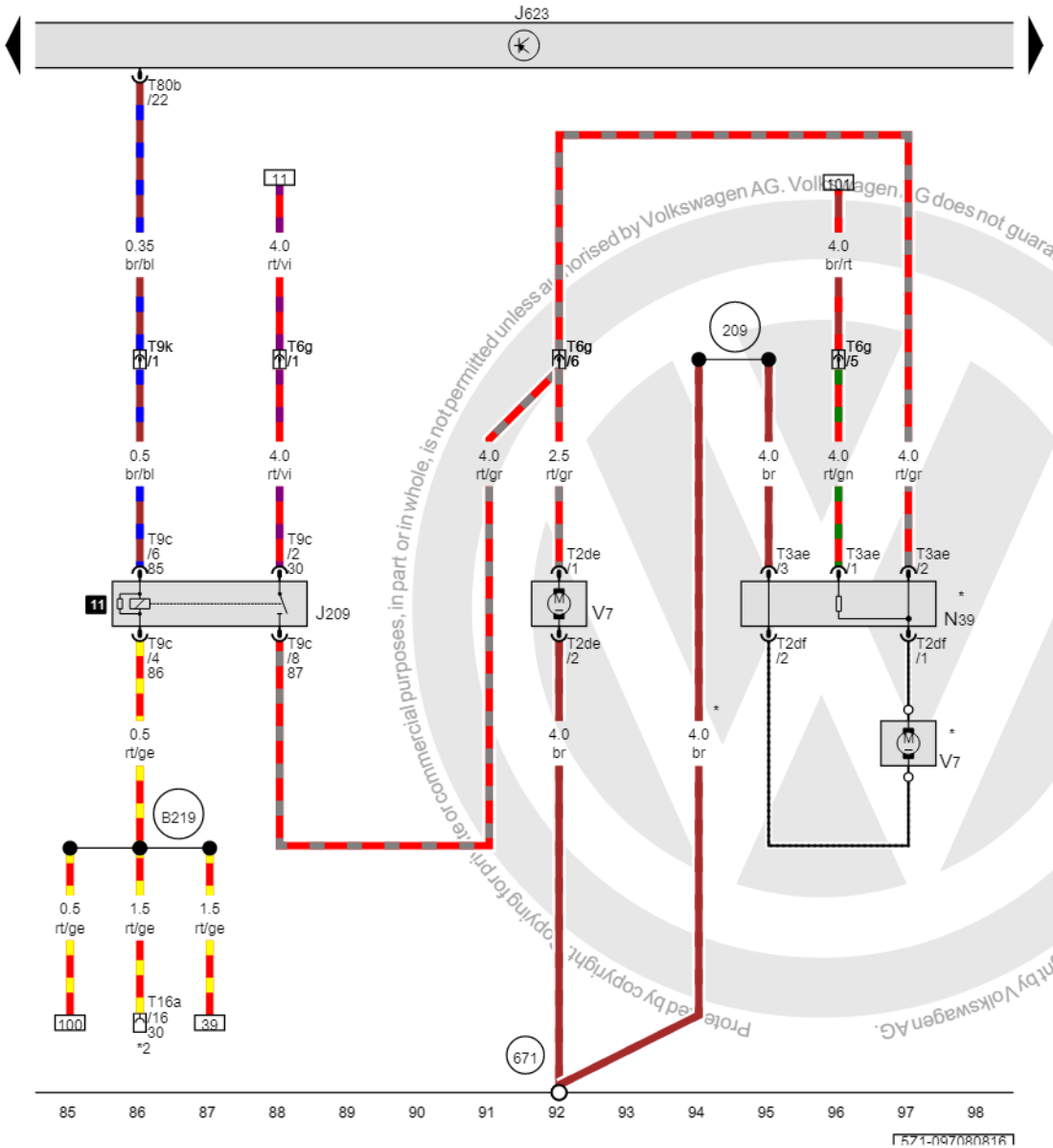
F34	Brake fluid level warning contact
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T2ai	2-pin connector
T6f	6-pin connector
T11b	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector
12	Earth point, on left in engine compartment
131	Earth connection 2, in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fresh air blower and radiator fan relay, Engine control unit, Radiator fan series resistor, Radiator fan



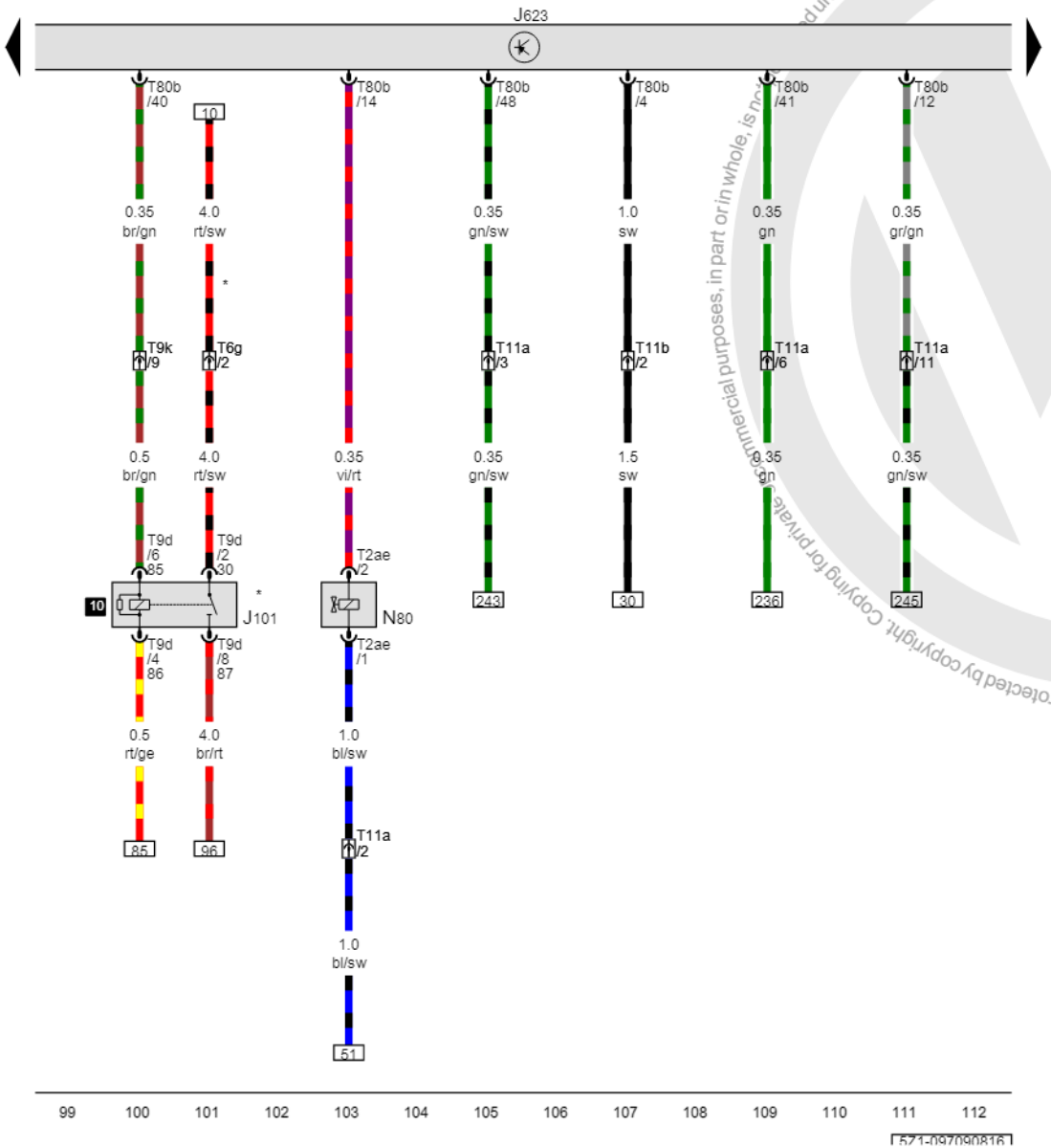
J209	Fresh air blower and radiator fan relay
J623	Engine control unit
N39	Radiator fan series resistor
T2de	2-pin connector
T2df	2-pin connector
T3ae	3-pin connector
T6g	6-pin connector, on left in plenum chamber
T9c	9-pin connector
T9k	9-pin connector, on left in plenum chamber
T16a	16-pin connector
T80b	80-pin connector
V7	Radiator fan
209	Earth connection 6, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
B219	Positive connection 4 (30a), in interior wiring harness
*	Only models with air conditioning system
*2	Diagnostic connection

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Radiator fan 2nd speed relay, Engine control unit, Activated charcoal filter solenoid valve 1

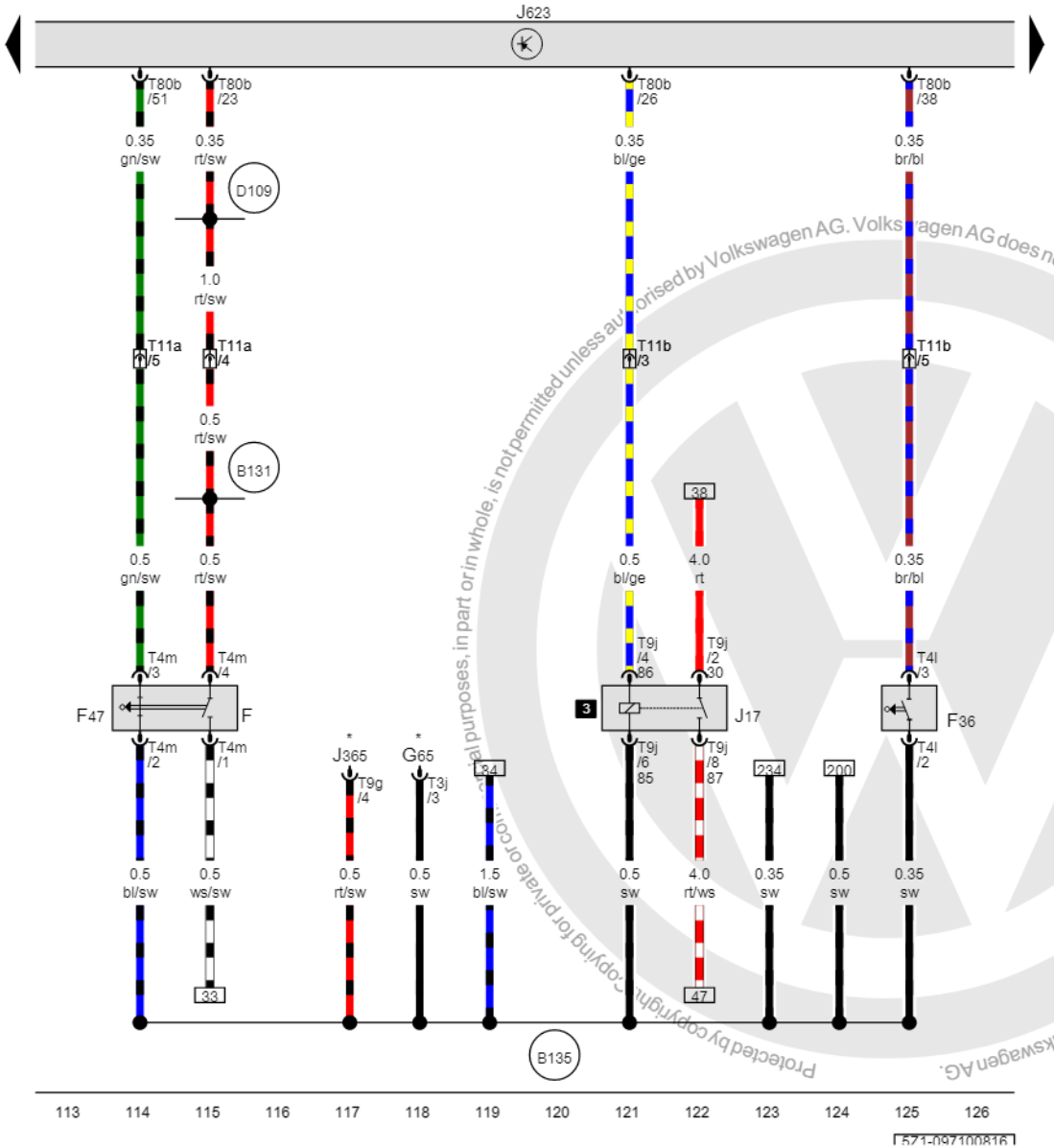
J101	Radiator fan 2nd speed relay
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
T2ae	2-pin connector
T6g	6-pin connector, on left in plenum chamber
T9d	9-pin connector
T9k	9-pin connector, on left in plenum chamber
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T80b	80-pin connector
*	Only models with air conditioning system



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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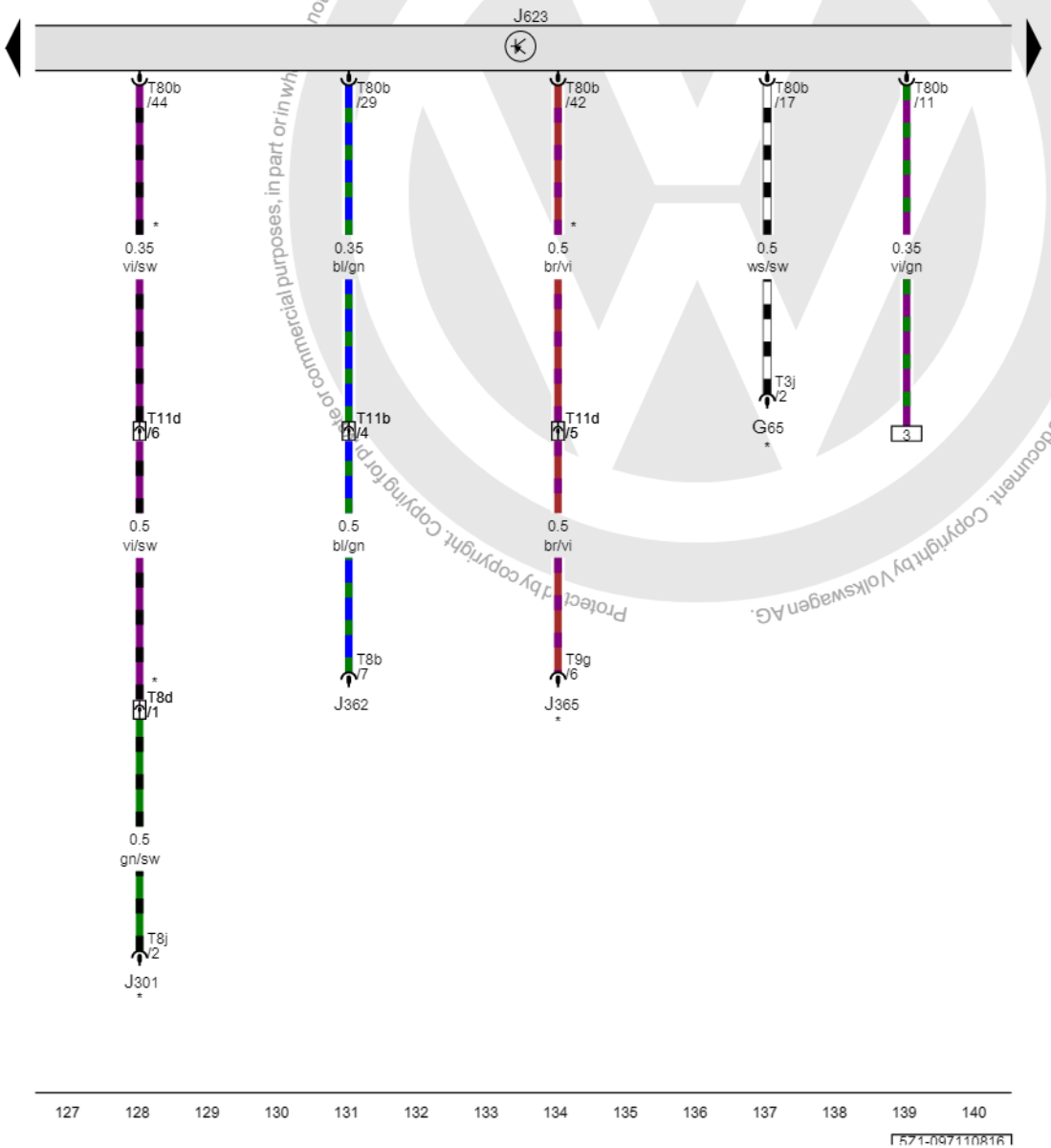
Brake light switch, Clutch pedal switch, Brake pedal switch, Fuel pump relay, Engine control unit



F	Brake light switch
F36	Clutch pedal switch
F47	Brake pedal switch
G65	High-pressure sender
J17	Fuel pump relay
J365	Air conditioning system switch-off relay
J623	Engine control unit
T3j	3-pin connector
T4l	4-pin connector
T4m	4-pin connector
T9g	9-pin connector
T9j	9-pin connector
T11a	11-pin connector, on left in plenum chamber
T11b	11-pin connector, on left in plenum chamber
T80b	80-pin connector
B131	Connection (54), in interior wiring harness
B135	Connection 1 (15a), in interior wiring harness
D109	Connection 7 in engine compartment wiring harness
*	Only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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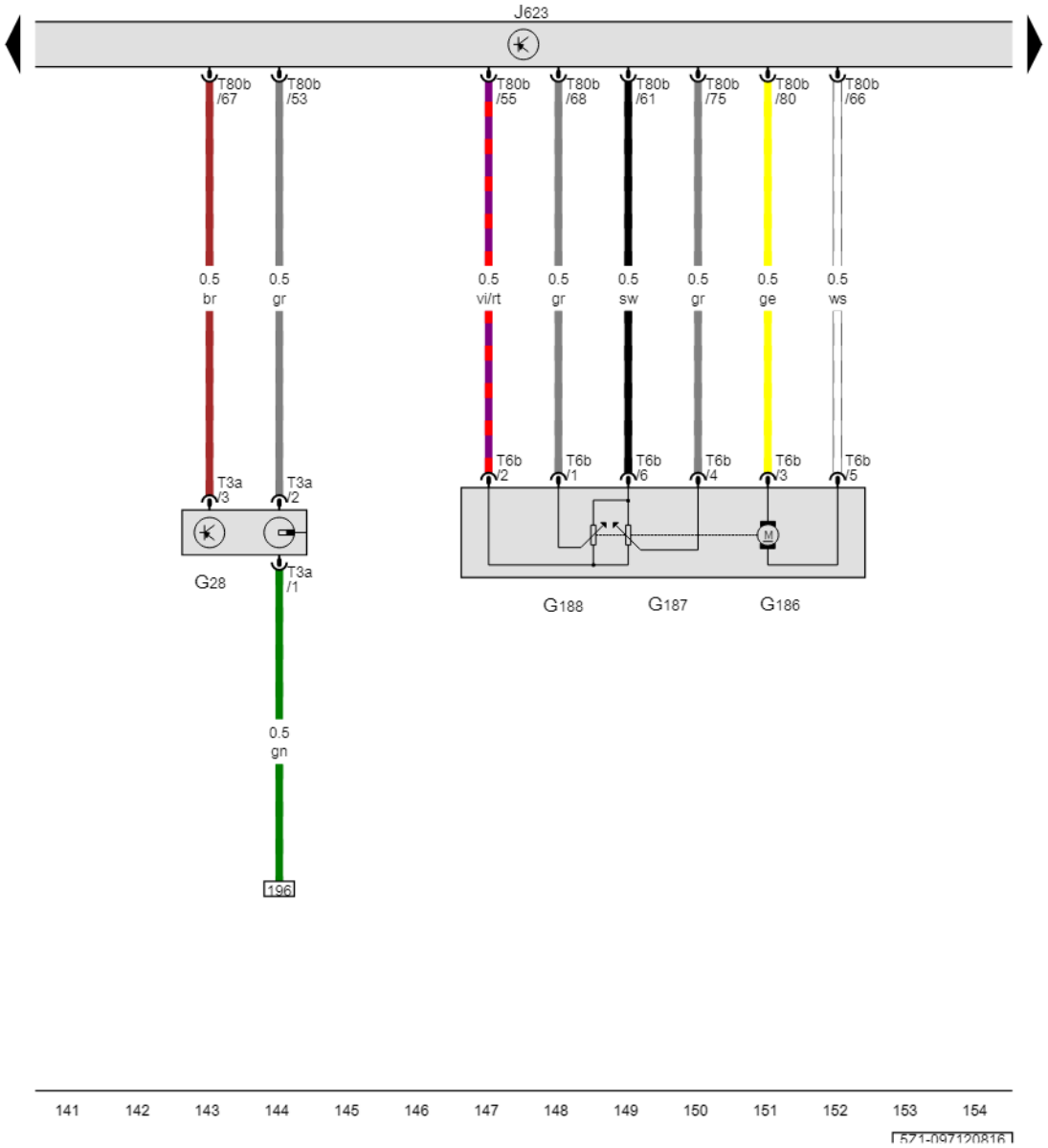
Engine control unit

G65	High-pressure sender
J301	Air conditioning system control unit
J362	Immobiliser control unit
J365	Air conditioning system switch-off relay
J623	Engine control unit
T3j	3-pin connector
T8b	8-pin connector
T8d	8-pin connector, behind dash panel, centre
T8j	8-pin connector
T9g	9-pin connector
T11b	11-pin connector, on left in plenum chamber
T11d	11-pin connector, on left in plenum chamber
T80b	80-pin connector
*	Only models with air conditioning system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Engine speed sender, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit



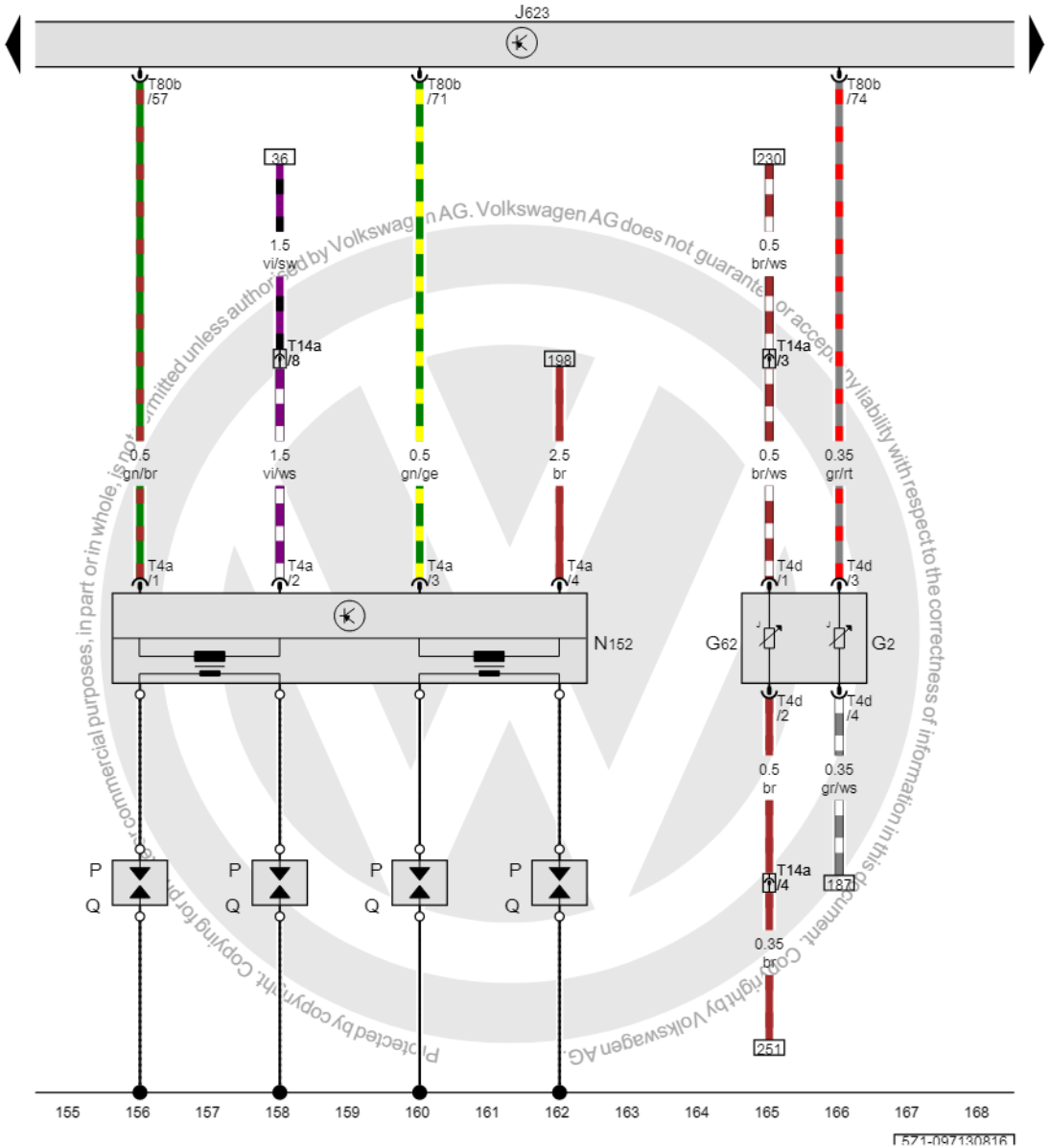
G28	Engine speed sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J623	Engine control unit
T3a	3-pin connector
T6b	6-pin connector
T80b	80-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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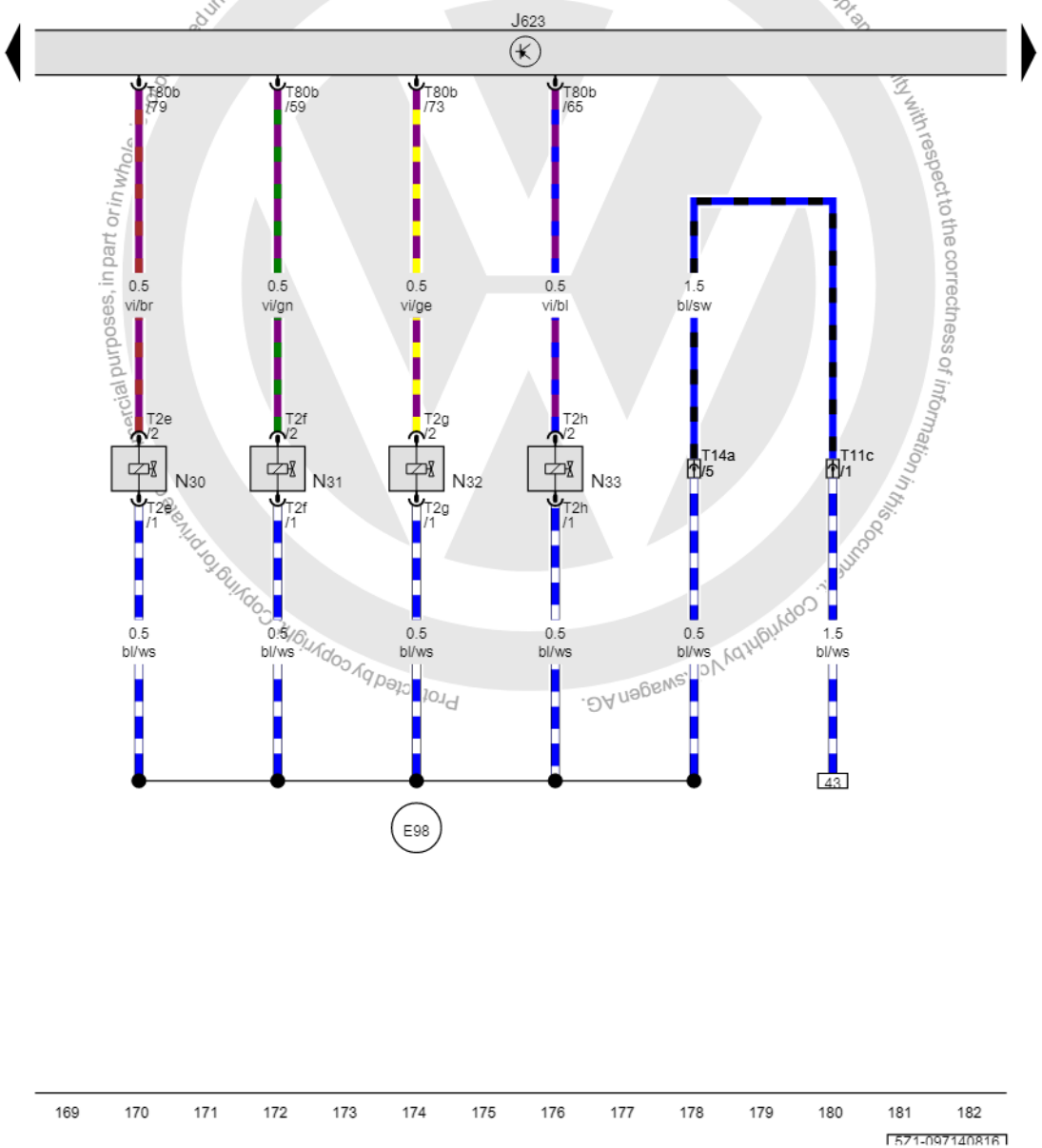
Coolant temperature display sender, Coolant temperature sender, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs

G2	Coolant temperature display sender
G62	Coolant temperature sender
J623	Engine control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector
T4d	4-pin connector
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

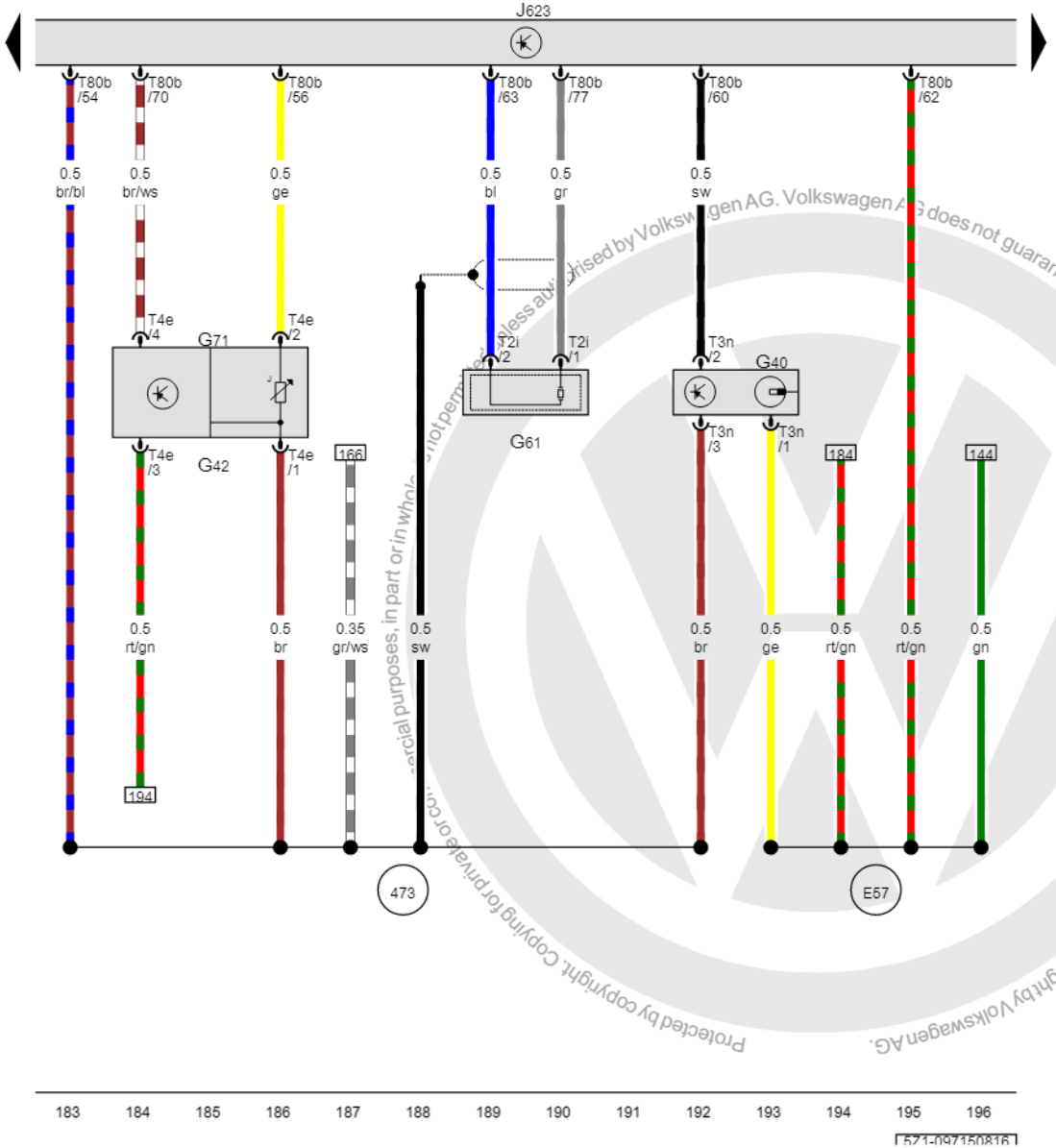
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2e	2-pin connector
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T80b	80-pin connector
E98	Connection 3 (87a) in injection system wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Hall sender, Intake air temperature sender, Knock sensor 1, Intake manifold pressure sender, Engine control unit

G40	Hall sender
G42	Intake air temperature sender
G61	Knock sensor 1
G71	Intake manifold pressure sender
J623	Engine control unit
T2i	2-pin connector
T3n	3-pin connector
T4e	4-pin connector
T80b	80-pin connector
473	Earth connection 5, in injection system wiring harness
E57	Connection 2, in injection system wiring harness

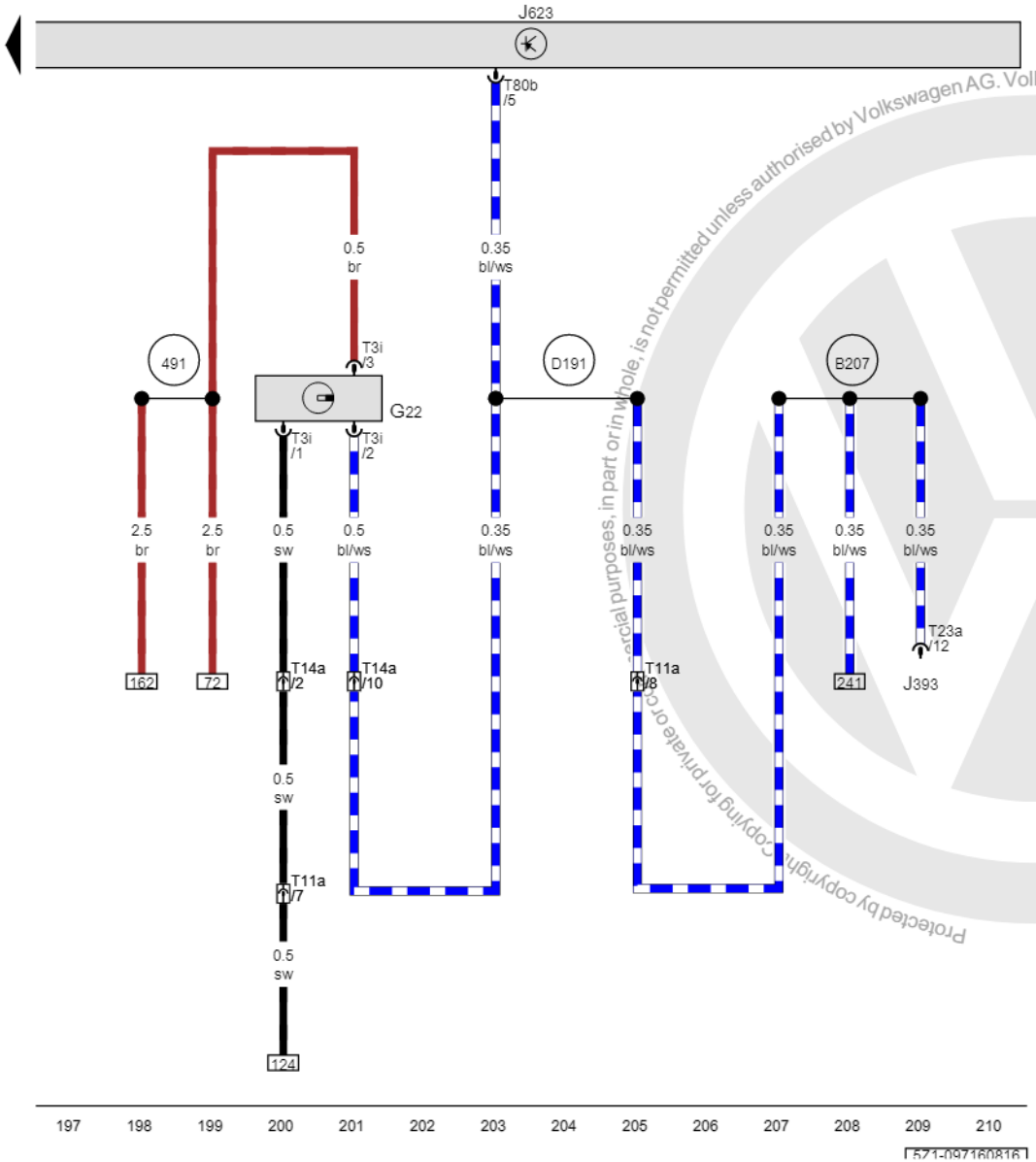


ws	=	white
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Speedometer sender, Engine control unit

G22	Speedometer sender
J393	Convenience system central control unit
J623	Engine control unit
T3i	3-pin connector
T11a	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T23a	23-pin connector
T80b	80-pin connector
491	Earth connection 6, in injection system wiring harness
B207	Connection (convenience), in interior wiring harness
D191	Speed sender connection, in engine compartment wiring harness

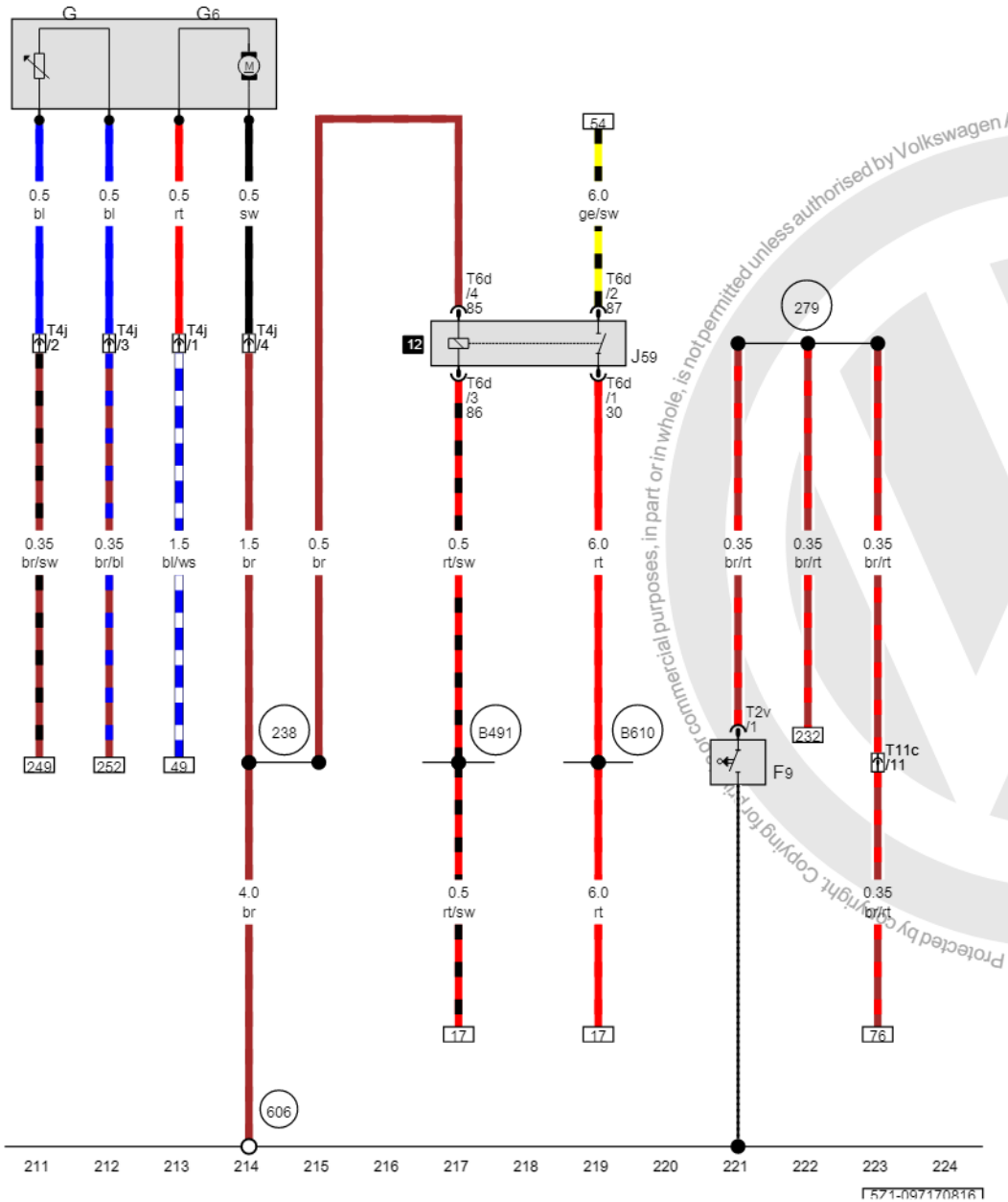


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Handbrake warning switch, Fuel gauge sender, Fuel system pressurisation pump, X-contact relief relay

F9	Handbrake warning switch
G	Fuel gauge sender
G6	Fuel system pressurisation pump
J59	X-contact relief relay
T2v	2-pin connector
T4j	4-pin connector
T6d	6-pin connector
T11c	11-pin connector, on left in plenum chamber
238	Earth connection 1, in interior wiring harness
279	Earth connection 5, in interior wiring harness
606	Earth point, under the centre console near gear stick
B491	Positive connection (75), in interior wiring harness
B610	Connection 6, in interior wiring harness

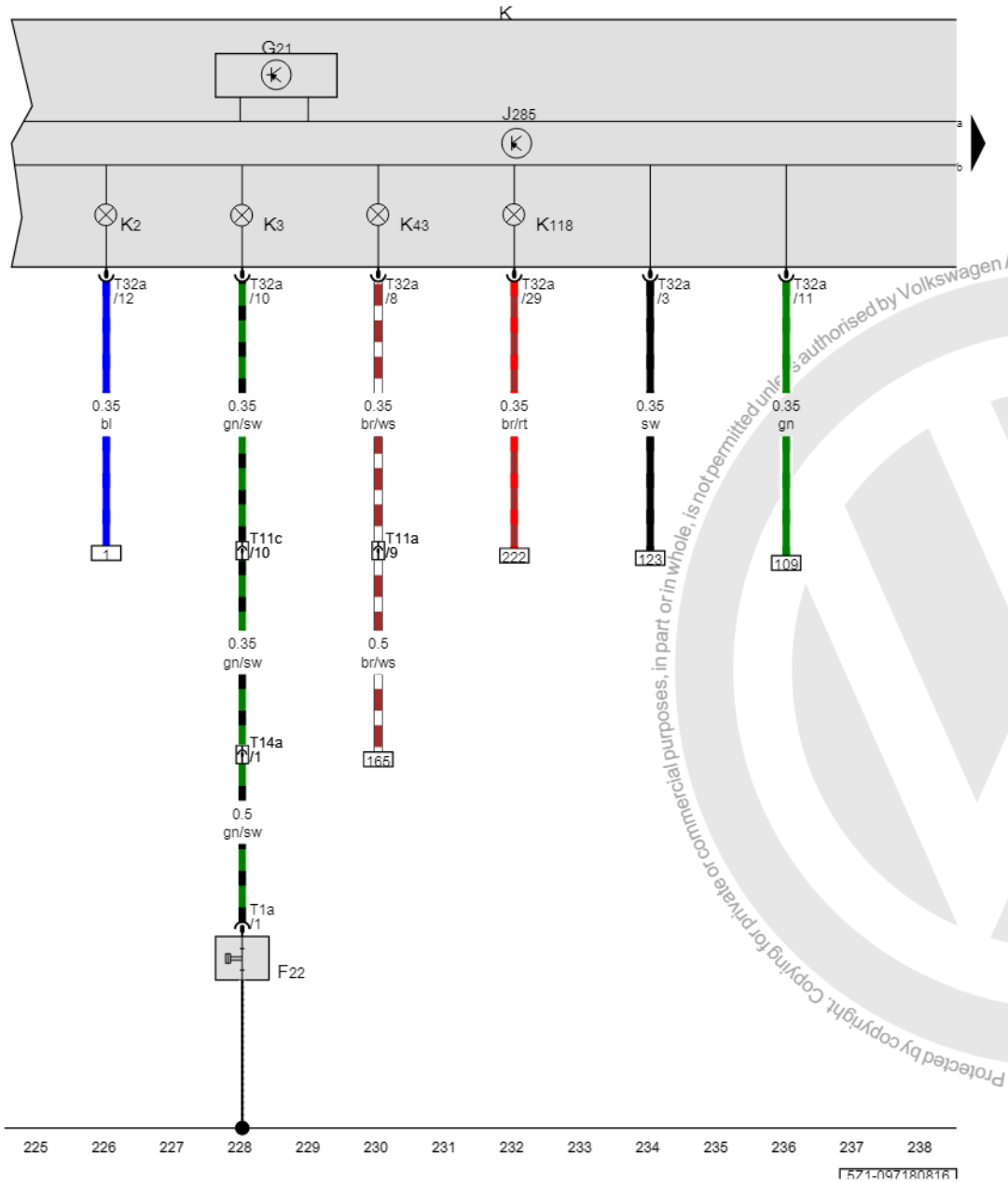


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

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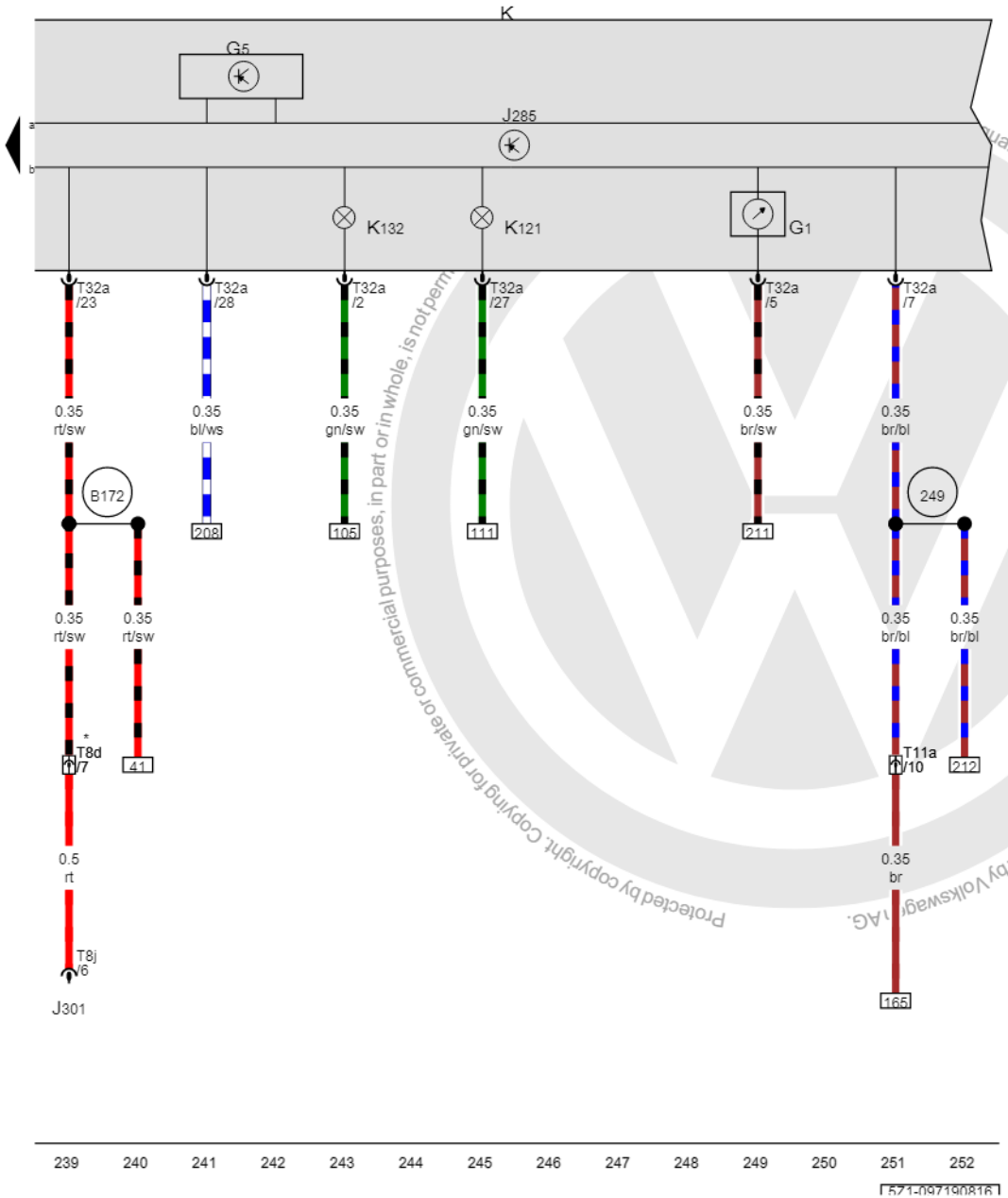
Oil pressure switch, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Coolant temperature warning lamp (too cold), Brake system warning lamp

F22	Oil pressure switch
G21	Speedometer
J285	Control unit in dash panel insert
K	Dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K43	Coolant temperature warning lamp (too cold)
K118	Brake system warning lamp
T1a	Single connector
T11a	11-pin connector, on left in plenum chamber
T11c	11-pin connector, on left in plenum chamber
T14a	14-pin connector, on left in engine compartment
T32a	32-pin connector



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuel gauge, Rev. counter, Control unit in dash panel insert, Dash panel insert, Malfunction warning lamp, Electronic power control fault lamp

G1	Fuel gauge
G5	Rev. counter
J285	Control unit in dash panel insert
J301	Air conditioning system control unit
K	Dash panel insert
K121	Malfunction warning lamp
K132	Electronic power control fault lamp
T8d	8-pin connector, behind dash panel, centre
T8j	8-pin connector
T11a	11-pin connector, on left in plenum chamber
T32a	32-pin connector
249	Earth connection 2, in interior wiring harness
B172	Positive connection 4 (30), in interior wiring harness
*	Only models with air conditioning system

1 Fox Europa

1.1 Earth point, in engine compartment

1 - Earth strap, battery - body
- ❑ Location: ⇒ page 2

11 - Earth point, in battery box
- ❑ Location: ⇒ page 2

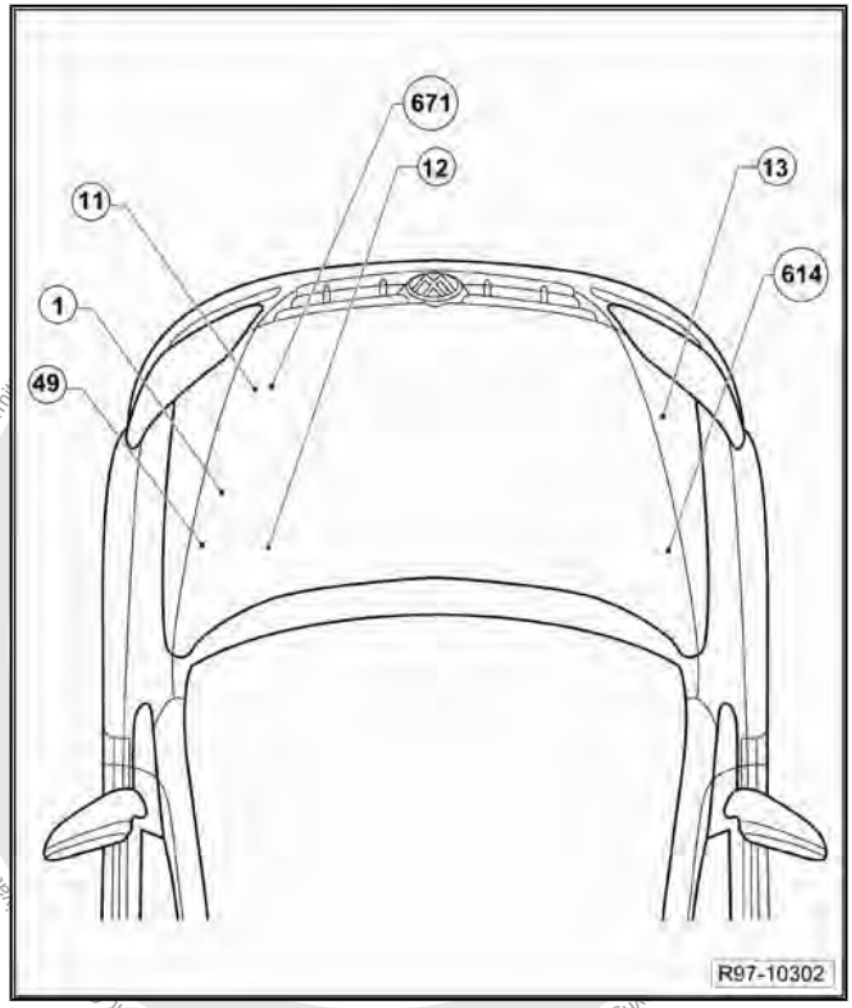
12 - Earth point, on left in engine compartment
- ❑ Location: ⇒ page 2

13 - Earth point, on right in engine compartment
- ❑ Location: . ⇒ page 3

49 - Earth point, near battery
- ❑ Location: ⇒ page 2

614 - Earth point 2, on right in engine compartment
- ❑ Location: ⇒ page 3

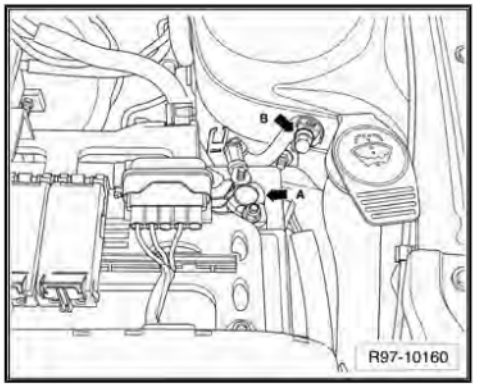
671 - Earth point 1, on front of left longitudinal member
- ❑ Location: ⇒ page 2



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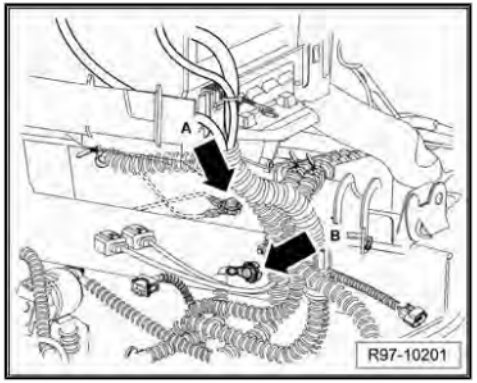
1 -
Earth strap, battery - body -arrow A -

49 -
Earth point, near battery -arrow B-

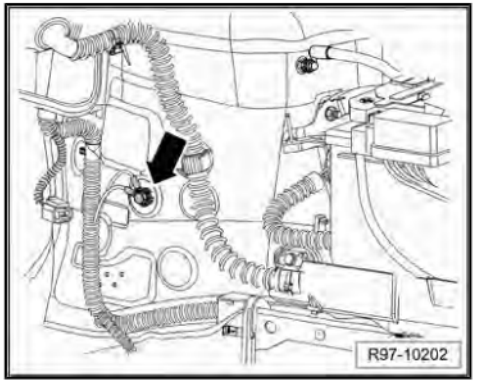


11 -
Earth point, in battery box -arrow A-

671 -
Earth point 1 at front of left longitudinal member -arrow B-

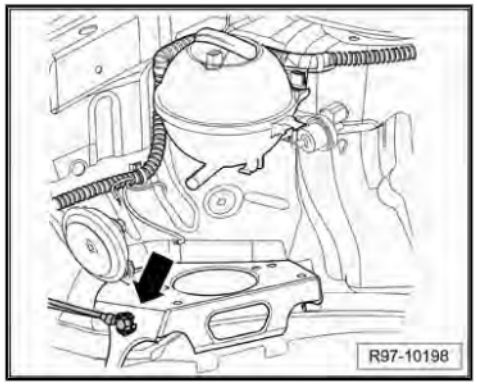


12 -
Earth point, in engine compartment, left -arrow-

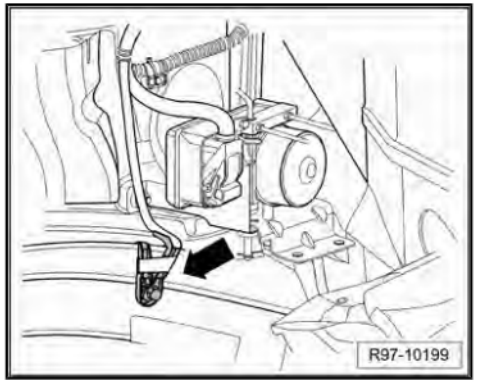


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13 -
Earth point, in engine compartment, right -arrow-



614 -
Earth point 2, in engine compartment, right -arrow-



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1.2 Earth points, in interior

605 - Earth point, on top end of steering column

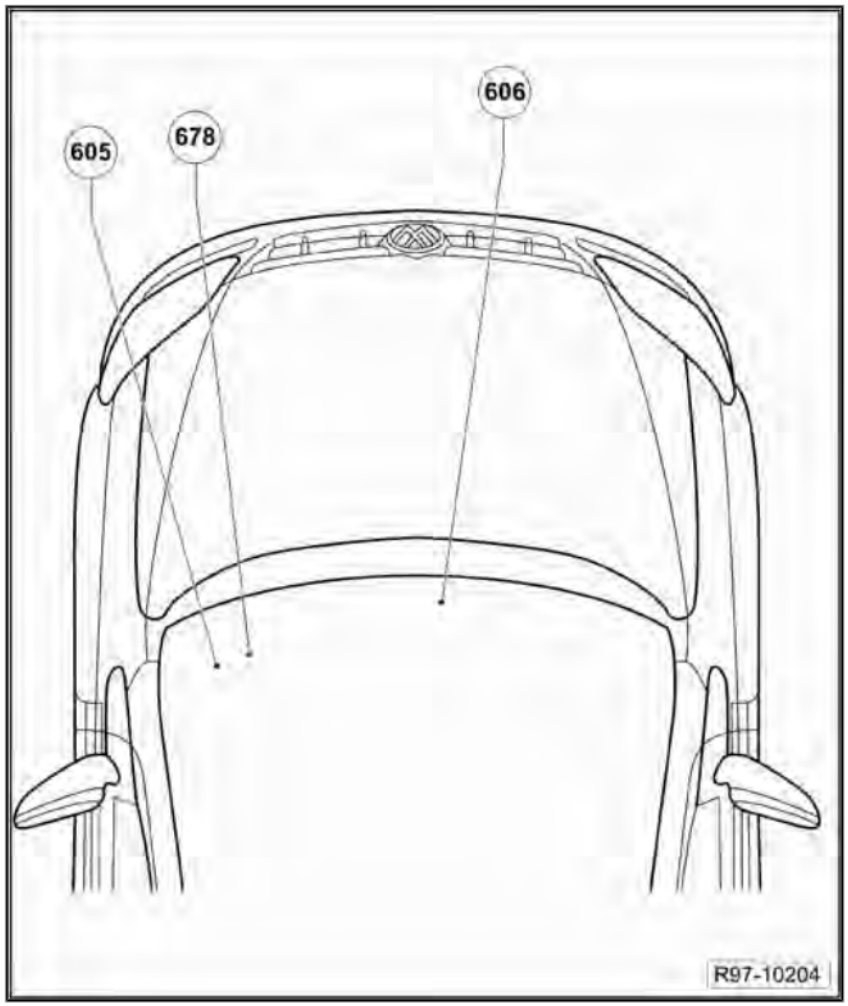
- ❑ Location: ⇒ page 5

606 - Earth point, under the centre console near selector lever

- ❑ Location: ⇒ page 5

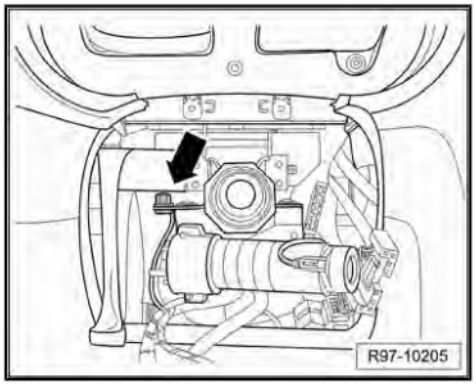
678 - Earth point, under the centre console near selector lever

- ❑ Location: ⇒ page 5

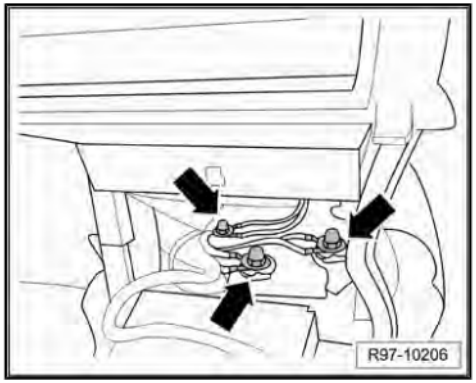


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605 -
Earth point, on top end of steering column -arrow-



606 -
Earth point, under the centre console near selector lever
-arrows-



678 -
Earth point in steering wheel -arrow-

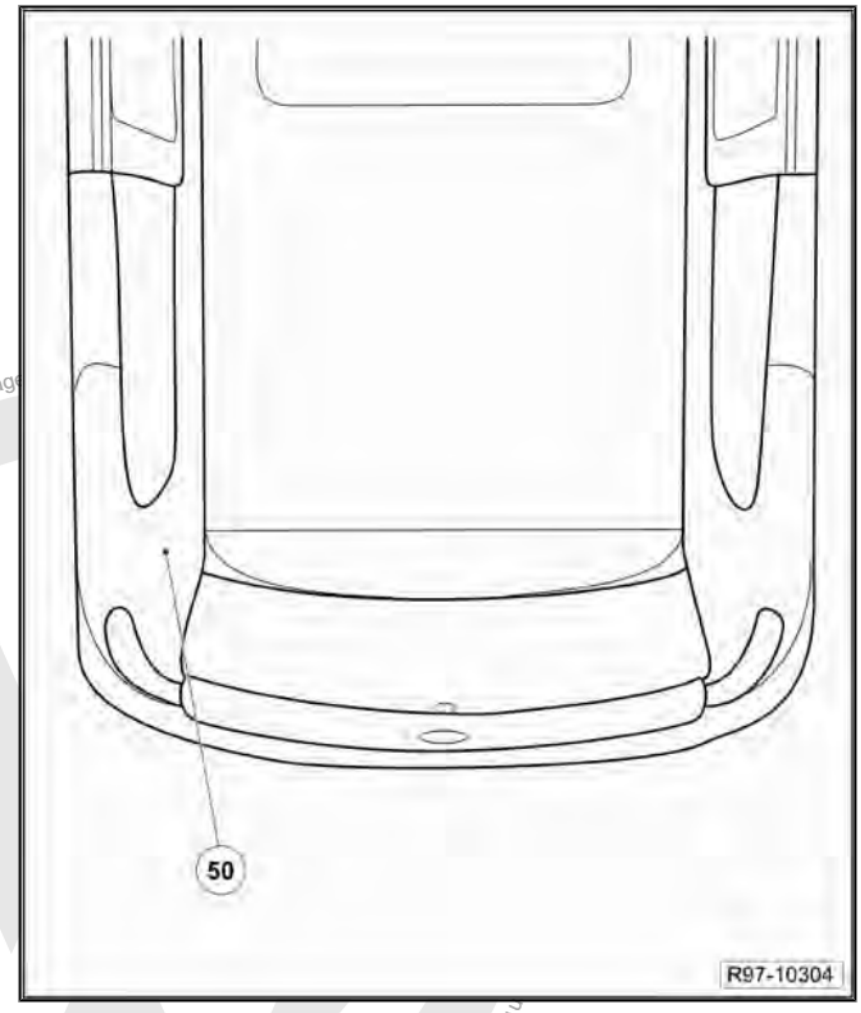


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1.3 Earth points in rear part of vehicle

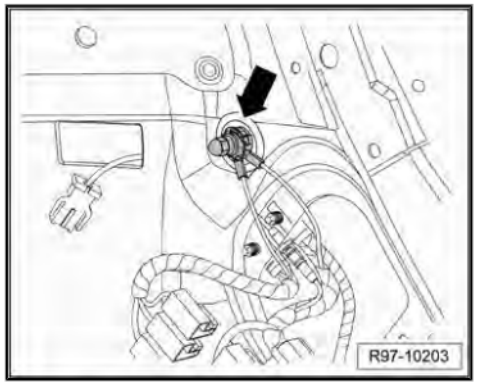
50 - Earth points, on left in luggage compartment

❑ Location: ⇒ page 7



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50 -
Earth points, on left in luggage compartment -arrow-



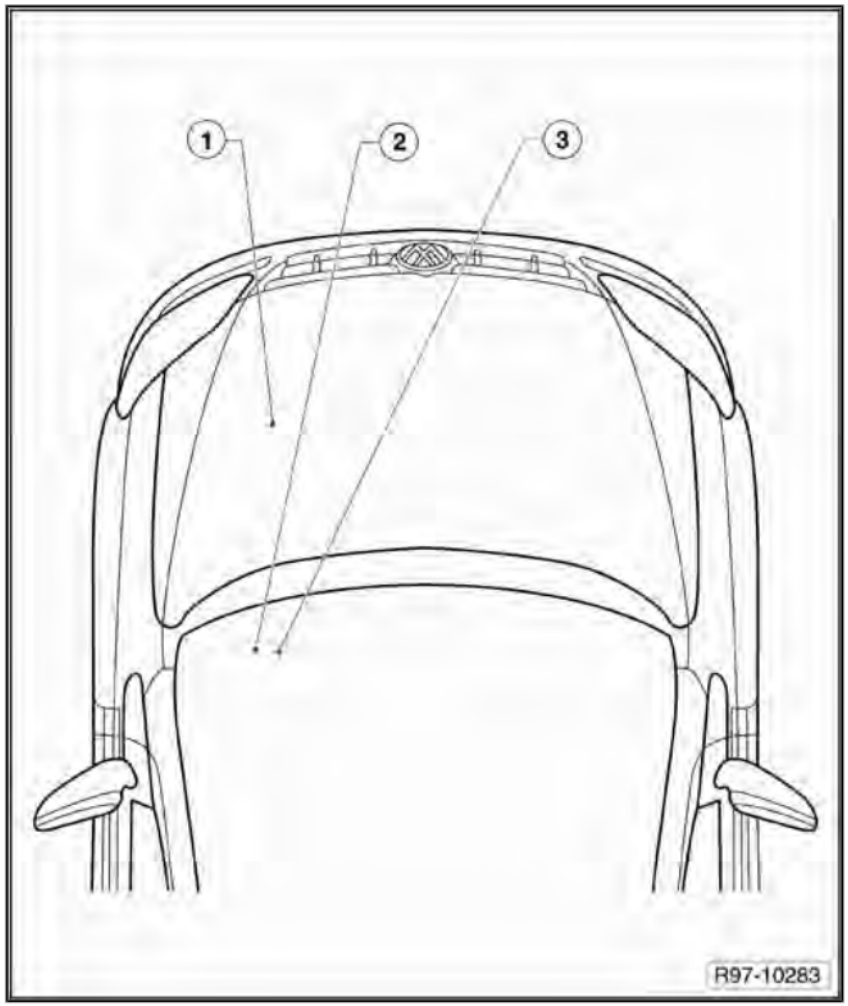
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1 Fox

1 - Fuse holder battery (S)
- ❑ Fuse colours: ⇒ page 2
- ❑ Fuse holder battery (S): ⇒ page 2

2 - Fuse holder SB and SC
- ❑ Fuse colours: ⇒ page 4
- ❑ Fuse holder (SC): ⇒ page 5
- ❑ Fuse holder (SB): ⇒ page 7

3 - Window regulator single fuse, on relay carrier
- ❑ Window regulator single fuse -S37- (up to April 2009): ⇒ page 11
- ❑ Window regulator single fuse -S37- (from April 2009): ⇒ page 12

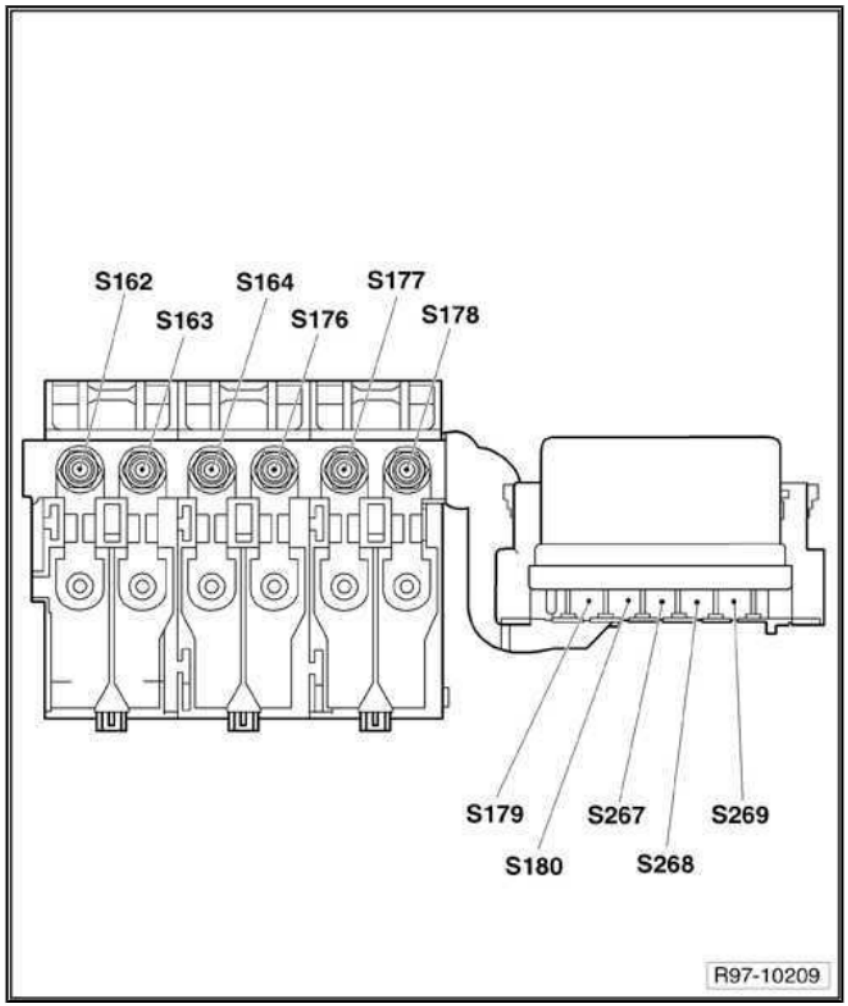


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1.1 Fuse holder battery (S)

1.1.1 Fuse colours:

- 175 A - black
- 110 A - black
- 50 A - red / black or red / green
- 40 A - red / black
- 30 A - red or red / purple
- 25 A - red / green
- 15 A - red / yellow
- 5 A - red / black or red / purple



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1.1.2 Fuse holder battery (S):

♦ Table 1

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal

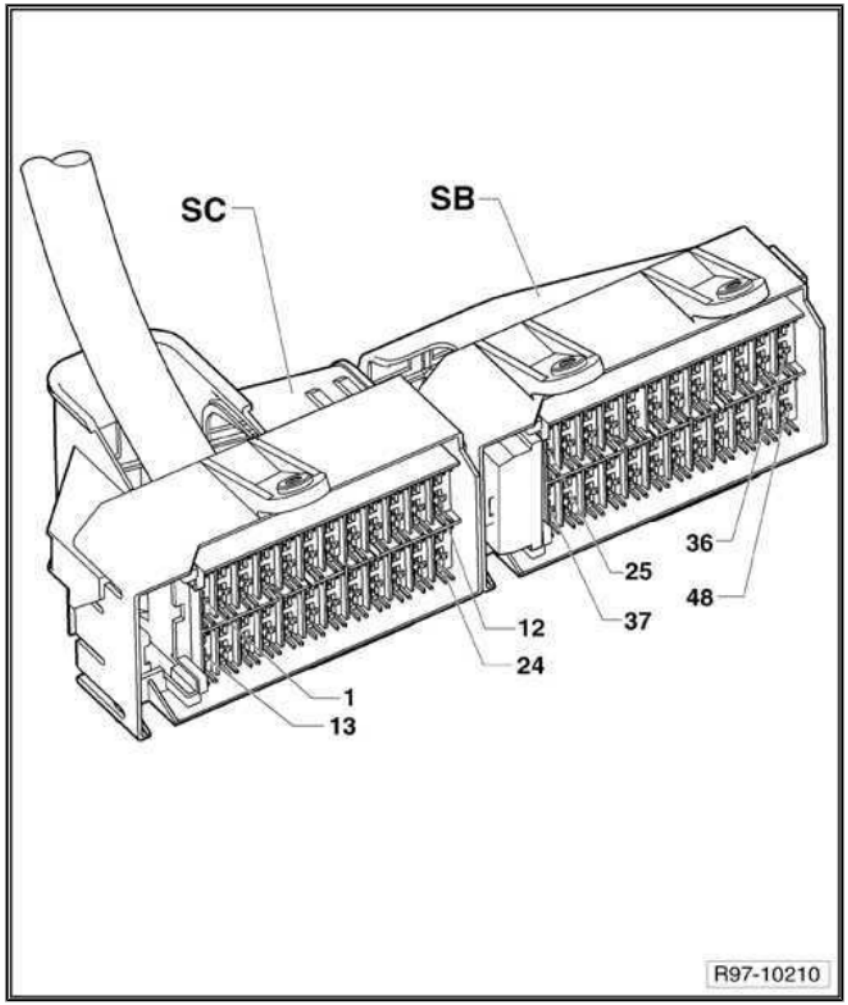
1	Fuse 1 (30) in fuse holder on battery -S162-	175 A	Alternator -C- Voltage regulator -C1-	30a
2	Fuse 2 (30) in fuse holder on battery -S163-	110 A	Terminal 30 wiring junction -TV2- Terminal 30a wiring junction -TV3- (up to December 2005) X-contact relief relay -J59- Ignition/starter switch -D- (for models with 1.9l diesel engine only) Headlight main beam relay -J12- (for models with 1.9l diesel engine only) Terminal 30 voltage supply relay -J317- (for models with 1.9l diesel engine only) Dipped beam relay -J331- (for models with 1.9l diesel engine only) Fuse 8 on fuse holder C -SC8- (for models with 1.9l diesel engine only) Fuse 25 on fuse holder B -SB25- (for models with 1.9l diesel engine only) Fuse 27 on fuse holder B -SB27- (for models with 1.9l diesel engine only) Fuse 28 on fuse holder B -SB28- (for models with 1.9l diesel engine only) Fuse 39 on fuse holder B -SB39- (for models with 1.9l diesel engine only)	30a
3	Fuse 3 (30) in fuse holder on battery -S164-	40 A	Radiator fan 2nd speed relay -J101- Radiator fan control unit -J293- (for models with 1.9l diesel engine only)	30a
		50 A	Radiator fan 2nd speed relay -J101-	
4	Fuse 4 (30) in fuse holder on battery -S176-	40 A	ABS control unit -J104- (for models with 1.9l diesel engine only)	30a
		50 A	ABS control unit -J104-	
5	Fuse 5 (30) in fuse holder on battery -S177-	40 A	ABS control unit -J104-	30a
		50 A	Steering hydraulics pump -V119- (for models with 1.9l diesel engine only)	
6	Fuse 6 (30) in fuse holder on battery -S178-	50 A	Glow plug relay -J52- (for models with 1.9l diesel engine only)	30a
7	Fuse 7 (30) in fuse holder on battery -S179-	25 A	ABS control unit -J104-	30a
8	Fuse 8 (30) in fuse holder on battery -S180-	30 A	Radiator fan 2nd speed relay -J101- Fresh air blower and radiator fan relay -J209- Radiator fan control unit -J293-	30a
9	Fuse 9 (30) in fuse holder on battery -S267-	5 A	Radiator fan control unit -J293- (for models with 1.9l diesel engine only)	30a
10	Fuse 10 (30) in fuse holder on battery -S268-	15 A	Motronic control unit -J220- (up to December 2005) Engine control unit -J623- 4MV injection system control unit control unit -J776- (up to April 2007)	30a
11	Fuse 11 (30) in fuse holder on battery -S269-	5 A	Onboard supply control unit -J519- (for models with 1.9l diesel engine only)	30a

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1.2 Fuse holder SB and SC

1.2.1 Fuse colours:

- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 5 A - beige



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1.2.2 Fuse holder (SC)

♦ Table 2

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	Fuse 1 on fuse holder C -SC1-	5 A	Radiator fan control unit -J293- (for models with 1.9l diesel engine only) High pressure sender -G65-	15a
2	Fuse 2 on fuse holder C -SC2-	5 A	Convenience system central control unit -J393- Onboard supply control unit -J519- Radio -R-	86s
3	Fuse 3 on fuse holder C -SC3-	5 A	Power steering control unit -J500-	15a
4	Fuse 4 on fuse holder C -SC4-	5 A	Rear lid release switch -E165- (up to April 2007) Driver door exterior handle switch for anti-theft alarm system -F121-	30a
5	Fuse 5 on fuse holder C -SC5-	20 A	Radio -R-	30a
6	Fuse 6 on fuse holder C -SC6-	20 A	Heated rear window control relay -J48- Onboard supply control unit -J519- (for models with 1.9l diesel engine only)	XR
7	Fuse 7 on fuse holder C -SC7-	-	Vacant	-
8	Fuse 8 on fuse holder C -SC8-	5 A	Onboard supply control unit -J519- (for models with 1.9l diesel engine only)	30a
9	Fuse 9 on fuse holder C -SC9-	-	Vacant	-
10	Fuse 10 on fuse holder C -SC10-	5 A	Cold start device relay -J41- (only models with Total Flex)	30a
11	Fuse 11 on fuse holder C -SC11-	10 A	Light switch -E1- Front right turn signal bulb -M7- Rear right turn signal bulb -M8- Hazard warning light switch -E3- Dash panel insert -K- Hazard warning light system warning lamp -K6- Control unit with display in dash panel insert -J285- Onboard supply control unit -J519- (for models with 1.9l diesel engine only)	R

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12	Fuse 12 on fuse holder C -SC12-	10 A	Light switch -E1- Front left turn signal bulb -M5- Rear left turn signal bulb -M6- Hazard warning light switch -E3- Dash panel insert -K- Hazard warning light system warning lamp -K6- Control unit with display in dash panel insert -J285- Onboard supply control unit -J519- (for models with 1.9l diesel engine only)	L
13	Fuse 13 on fuse holder C -SC13-	-	Vacant	-
14	Fuse 14 on fuse holder C -SC14-	5 A	Mirror adjustment switch -E43- Mirror adjustment change-over switch -E48- Rear lid release switch -E165- (up to April 2007) Mirror memory control unit -J267- Convenience system central control unit -J393- Mirror adjustment switch illumination bulb -L78-	15a
15	Fuse 15 on fuse holder C -SC15-	25 A	Air conditioning system switch-off relay -J365-	30a
16	Fuse 16 on fuse holder C -SC16-	25 A	Convenience system central control unit -J393-	30a
17	Fuse 17 on fuse holder C -SC17-	15 A	Front and rear fog light switch -E23- Front and rear fog light switch illumination bulb -L40-	55
18	Fuse 18 on fuse holder C -SC18-	10 A	Rear window wiper motor -V12-	XR
19	Fuse 19 on fuse holder C -SC19-	-	Vacant	-
20	Fuse 20 on fuse holder C -SC20-	-	Vacant	-
21	Fuse 21 on fuse holder C -SC21-	-	Vacant	-
22	Fuse 22 on fuse holder C -SC22-	-	Vacant	-
23	Fuse 23 on fuse holder C -SC23-	5 A	ABS control unit -J104- ABS return flow pump relay -J105- ABS solenoid valve relay -J106- Front right ABS inlet valve -N99- Front right ABS outlet valve -N100- Front left ABS inlet valve -N101- Front left ABS outlet valve -N102- ABS return flow pump -V39-	15a

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24	Fuse 24 on fuse holder C -SC24-	10 A	ABS control unit -J104- (for models with 1.9l diesel engine only) ABS return flow pump relay -J105- (for models with 1.9l diesel engine only) ABS solenoid valve relay -J106- (for models with 1.9l diesel engine only) Front right ABS inlet valve -N99- (for models with 1.9l diesel engine only) Front right ABS outlet valve -N100- (for models with 1.9l diesel engine only) Front left ABS inlet valve -N101- (for models with 1.9l diesel engine only) Front left ABS outlet valve -N102- (for models with 1.9l diesel engine only) ABS return flow pump -V39- (for models with 1.9l diesel engine only)	30a

1.2.3 Fuse holder (SB)

♦ Table 3

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
25	Fuse 25 on fuse holder B -SB25-	10 A	Airbag coil connector and return spring with slip ring -F138- Onboard supply control unit -J519- (for models with 1.9l diesel engine only)	15a
26	Fuse 26 on fuse holder B -SB26-	10 A	Ignition transformer -N152-	15a
		25 A	Fuel supply relay -J643- (for models with engine code BLH only)	
27	Fuse 27 on fuse holder B -SB27-	10 A	16-pin connector -T16a- (for models with 1.9l diesel engine only)	30a
		15 A	16-pin connector -T16a- Hazard warning light switch -E3- Hazard warning light system warning lamp -K6- Radiator fan 2nd speed relay -J101- Fresh air blower and radiator fan relay -J209-	
28	Fuse 28 on fuse holder B -SB28-	5 A	Dash panel insert -K- Control unit with display in dash panel insert -J285- Air conditioning system control unit -J301-	30a
29	Fuse 29 on fuse holder B -SB29-	15 A	Intermittent wiper switch -E22- Automatic intermittent wash and wipe relay -J31- Windscreen wiper motor -V-	53a
30	Fuse 30 on fuse holder B -SB30-	5 A	Engine control unit -J623-	15a
31	Fuse 31 on fuse holder B -SB31-	5 A	Right tail light bulb -M2- Right side light bulb -M3-	58r

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32	Fuse 32 on fuse holder B -SB32-	5 A	Cigarette lighter illumination bulb -L28- Socket illumination bulb -L42- Hazard warning light switch -E3- Dash panel insert -K- Hazard warning light system warning lamp -K6- Number plate light -X- Control unit with display in dash panel insert -J285-	58
33	Fuse 33 on fuse holder B -SB33-	15 A	Fuel gauge sender -G- Fuel system pressurisation pump -G6-	87a
34	Fuse 34 on fuse holder B -SB34-	10 A	Activated charcoal filter system solenoid valve 1 -N80-	87a
35	Fuse 35 on fuse holder B -SB35-	10 A	Dash panel insert -K- Control unit with display in dash panel insert -J285- Left main beam bulb -M30-	56al
		15 A	Dash panel insert -K- Control unit with display in dash panel insert -J285- Left main beam bulb -M30- Left additional main bean bulb -M67- (for Cross only)	
36	Fuse 36 on fuse holder B -SB36-	10 A	Left headlight twin filament bulb/left sealed beam insert -L1- Left dipped beam bulb -M29-	56bl
37	Fuse 37 on fuse holder B -SB37-	10 A	Reversing light switch -F4-	15a
38	Fuse 38 on fuse holder B -SB38-	5 A	Clutch pedal switch -F36- Brake pedal switch -F47- Fuel pump relay -J17- Cold start device relay -J41- Control unit with display in dash panel insert -J285- Immobilizer control unit -J362- Air conditioning system switch-off relay -J365- Dash panel insert -K- Anti-dazzle interior mirror warming lamp -K187- Spare wheel release warning light -K246- Anti-dazzle interior mirror button -E386- Speedometer sender -G22- Automatic anti-dazzle interior mirror -Y7-	15a

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39	Fuse 39 on fuse holder B -SB39-	10 A	Front interior light -W1- Luggage compartment light -W3- Front passenger side reading light -W13- Front passenger side illuminated vanity mirror -W14- Driver side reading light -W19- Driver side illuminated vanity mirror -W20- Mirror memory control unit -J267- Onboard supply control unit -J519- (for models with 1.9l diesel engine only)	30a
40	Fuse 40 on fuse holder B -SB40-	10 A	Brake light switch -F-	15a
41	Fuse 41 on fuse holder B -SB41-	10 A	Dual tone horn relay -J4- Horn or dual tone horn -H1- Onboard supply control unit -J519- (for models with 1.9l diesel engine only)	15a
42	Fuse 42 on fuse holder B -SB42-	25 A	High pressure sender -G65- (up to August 2008) Fresh air blower switch -E9- Fresh air/recirculated air flap control motor -V154- Air conditioning system control unit -J301-	XR
43	Fuse 43 on fuse holder B -SB43-	5 A	Left side light bulb -M1- Left tail light bulb -M4- Left brake and tail light bulb -M21-	58l
44	Fuse 44 on fuse holder B -SB44-	5 A	Clutch pedal switch -F36- (for models with 1.9l diesel engine only) Brake pedal switch -F47- (for models with 1.9l diesel engine only) Glow plug relay -J52- (for models with 1.9l diesel engine only)	87a
		10 A	Injector, cylinder 1 -N30- Injector, cylinder 2 -N31- Injector, cylinder 3 -N32- Injector, cylinder 4 -N33-	
45	Fuse 45 on fuse holder B -SB45-	10 A	Lambda probe -G39- Lambda probe after catalytic converter -G130-	87a
		30 A	Metering adjuster (diesel injection) -N146- (for models with 1.9l diesel engine only) Engine control unit -J623- (for models with 1.9l diesel engine only)	
46	Fuse 46 on fuse holder B -SB46-	10 A	Right headlight twin filament bulb/right sealed beam insert -L2- Right main beam bulb -M32-	56a
		15 A	Right headlight twin filament bulb/right sealed beam insert -L2- Right main beam bulb -M32- Right additional main bean bulb -M68- (for Cross only)	56ar

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47	Fuse 47 on fuse holder B -SB47-	10 A	Right headlight twin filament bulb/right sealed beam insert -L2- Right dipped beam bulb -M31-	56br
48	Fuse 48 on fuse holder B -SB48-	20 A	Cigarette lighter -U1- 12 V socket -U5-	XR

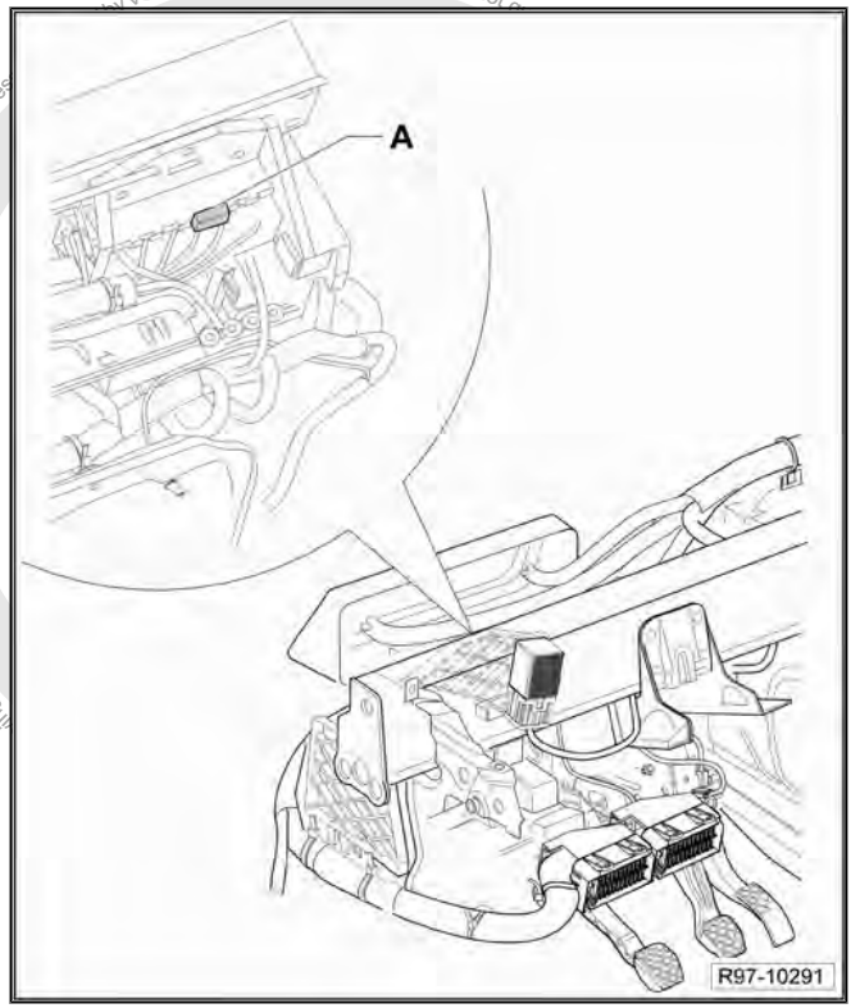
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1.3 Window regulator single fuse, on relay carrier

1.3.1 Window regulator single fuse -S37- (up to April 2009)

A -
Window regulator single fuse -S37-

- Colour: yellow
- Fitting Locations: behind the relay carrier

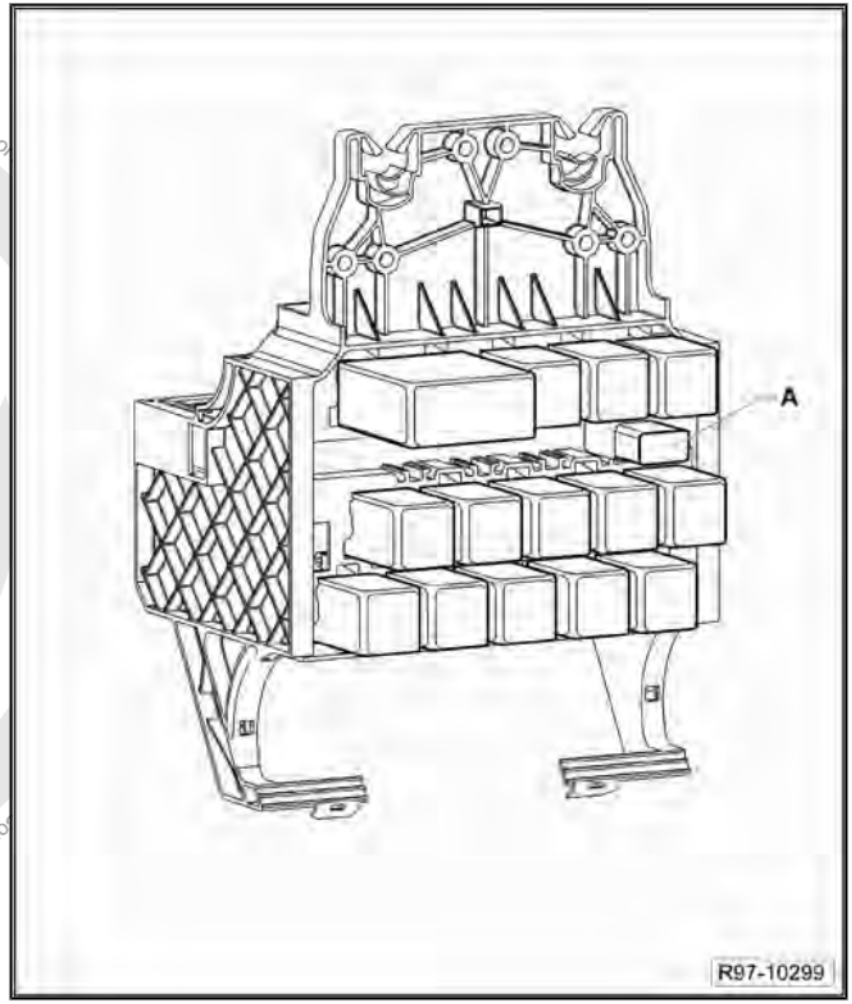


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1.3.2 Window regulator single fuse -S37- (from April 2009)

A -
Window regulator single fuse -S37-

- Colour: yellow
- Fitting Locations: on front relay carrier



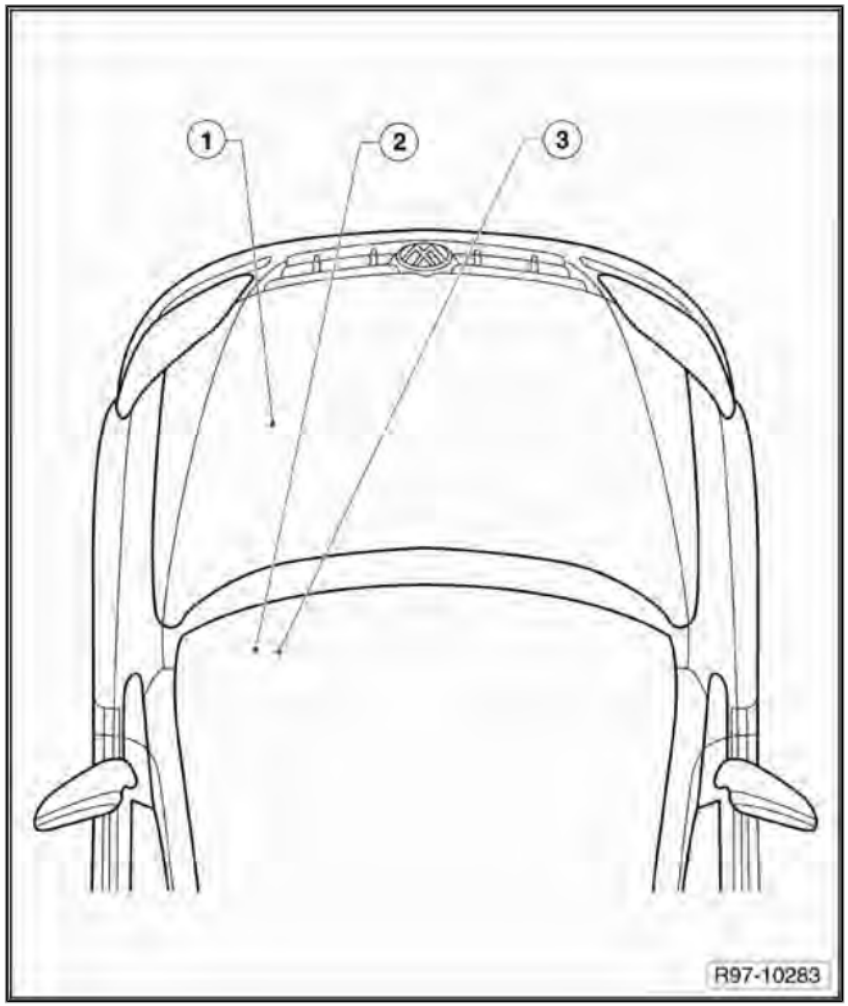
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2 Fox Europa

1 - Fuse holder battery (S)
- ❑ Fuse colours: ⇒ page 14
- ❑ Fuse holder battery (S): ⇒ page 14

2 - Fuse holder SB and SC
- ❑ Fuse colours: ⇒ page 16
- ❑ Fuse holder (SC): ⇒ page 16
- ❑ Fuse holder (SB): ⇒ page 18

3 - Fuses on relay carrier
- ❑ Window regulator single fuse -S37- ⇒ page 21
- ❑ Heater element fuses: ⇒ page 22

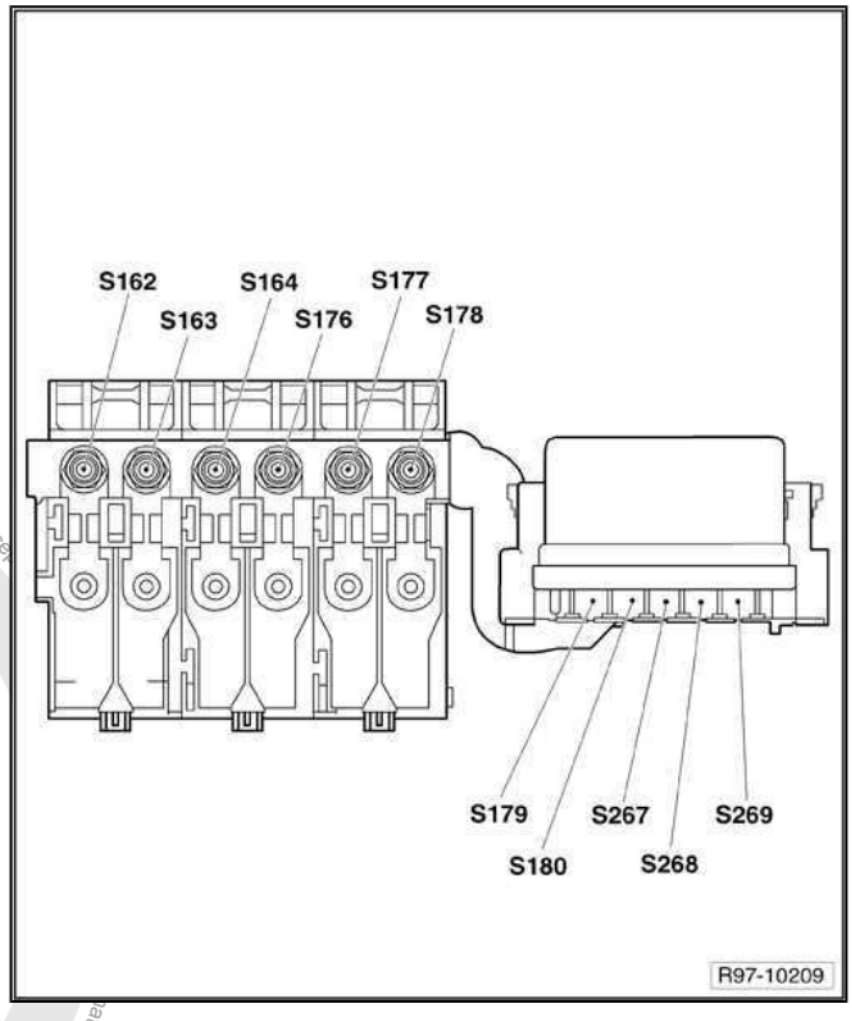


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2.1 Fuse holder battery (S)

2.1.1 Fuse colours:

- 175 A - black
- 110 A - black
- 50 A - red / black or red / green
- 40 A - red / black
- 30 A - red or red / purple
- 25 A - red / green
- 15 A - red / yellow
- 5 A - red / black or red / purple



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2.1.2 Fuse holder battery (S):

♦ Table 1

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal

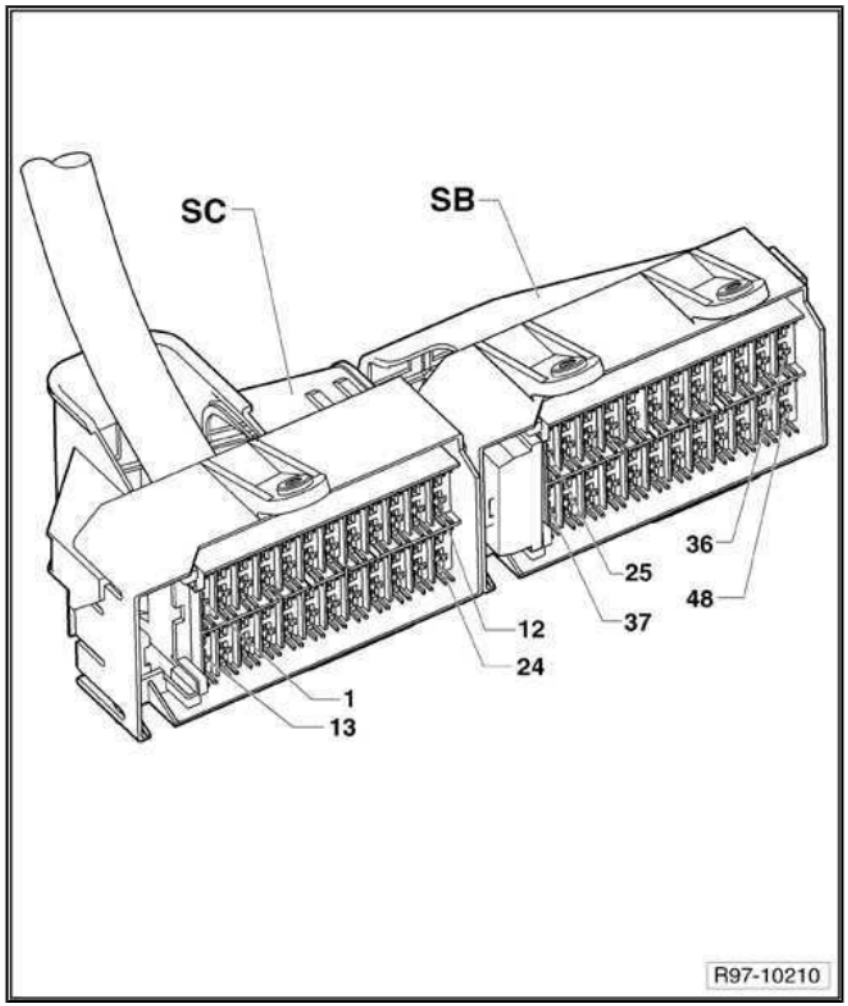
1	Fuse 1 (30) in fuse holder on battery -S162-	175 A	Alternator -C- Voltage regulator -C1-	30a
2	Fuse 2 (30) in fuse holder on battery -S163-	110 A	Terminal 30 wiring junction -TV2-	30a
3	Fuse 3 (30) in fuse holder on battery -S164-	40 A	Radiator fan control unit -J293-	30a
4	Fuse 4 (30) in fuse holder on battery -S176-	50 A	Glow plug relay -J52- (for models with 1.4 l diesel engine only)	30a
5	Fuse 5 (30) in fuse holder on battery -S177-	40 A	Steering hydraulics pump -V119- ABS control unit -J104- Radiator fan control unit -J293- Power steering control unit -J500-	30a
		50 A	Steering hydraulics pump -V119- (up to December 2006) Power steering control unit -J500- (up to December 2006)	
6	Fuse 6 (30) in fuse holder on battery -S178-	-	Vacant	-
7	Fuse 7 (30) in fuse holder on battery -S179-	25 A	ABS control unit -J104-	30a
8	Fuse 8 (30) in fuse holder on battery -S180-	30 A	Radiator fan thermal switch -F18- (for models with 1.2 l and 1.4 l diesel engine only) Radiator fan 2nd speed relay -J101- (for models with 1,4l engine only) Fresh air blower and radiator fan relay -J209- (for models with 1,4l engine only) Radiator fan control unit -J293-	30a
9	Fuse 9 (30) in fuse holder on battery -S267-	5 A	Radiator fan control unit -J293-	30a
10	Fuse 10 (30) in fuse holder on battery -S268-	15 A	Onboard supply control unit -J519- (up to December 2006) Engine control unit -J623-	30a
11	Fuse 11 (30) in fuse holder on battery -S269-	5 A	Air conditioning system control unit -J301- Radiator fan control unit -J293-	30a

2.2 Fuse holder SB and SC

2.2.1 Fuse colours:

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- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 5 A - beige



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2.2.2 Fuse holder (SC)

♦ Table 2

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal

1	Fuse 1 on fuse holder C -SC1-	5 A	High pressure sender -G65- Radiator fan control unit -J293- Air conditioning system control unit -J301-	15a
2	Fuse 2 on fuse holder C -SC2-	5 A	Convenience system central control unit -J393- Onboard supply control unit -J519-	86s
3	Fuse 3 on fuse holder C -SC3-	5 A	Speedometer sender -G22- Power steering control unit -J500- Spray jet heater element for windscreen washer system -N113-	15a
4	Fuse 4 on fuse holder C -SC4-	5 A	Driver door exterior handle switch for anti-theft alarm system -F121-	30a
5	Fuse 5 on fuse holder C -SC5-	20 A	Radio -R-	30a
6	Fuse 6 on fuse holder C -SC6-	20 A	Heated rear window control relay -J48- Onboard supply control unit -J519-	30a
7	Fuse 7 on fuse holder C -SC7-	10 A	Intermittent wiper switch -E22-	XRA
8	Fuse 8 on fuse holder C -SC8-	5 A	Onboard supply control unit -J519-	30a
9	Fuse 9 on fuse holder C -SC9-	-	Vacant	-
10	Fuse 10 on fuse holder C -SC10-	20 A	Sliding sunroof adjustment control unit -J245-	30a
11	Fuse 11 on fuse holder C -SC11-	10 A	Front right turn signal bulb -M7- Rear right turn signal bulb -M8- Right side mounted turn signal bulb -M19- Convenience system central control unit -J393- Onboard supply control unit -J519-	RA
12	Fuse 12 on fuse holder C -SC12-	10 A	Front left turn signal bulb -M5- Rear left turn signal bulb -M6- Left side mounted turn signal bulb -M18- Convenience system central control unit -J393- Onboard supply control unit -J519-	LA
13	Fuse 13 on fuse holder C -SC13-	-	Vacant	-
14	Fuse 14 on fuse holder C -SC14-	5 A	Mirror adjustment switch -E43- Convenience system central control unit -J393-	15a
15	Fuse 15 on fuse holder C -SC15-	15 A	Heated driver seat regulator -E94- Heated front passenger seat regulator -E95- Heated driver seat control unit -J131-	XR
16	Fuse 16 on fuse holder C -SC16-	25 A	Convenience system central control unit -J393-	30a
17	Fuse 17 on fuse holder C -SC17-	15 A	Front and rear fog light switch -E23- Front and rear fog light switch illumination bulb -L40-	XR

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18	Fuse 18 on fuse holder C -SC18-	10 A	Rear window wiper motor -V12-	XR
19	Fuse 19 on fuse holder C -SC19-	-	Vacant	-
20	Fuse 20 on fuse holder C -SC20-	5 A	Driver side heated exterior mirror -Z4- Front passenger side heated exterior mirror -Z5- Onboard supply control unit -J519-	30a
21	Fuse 21 on fuse holder C -SC21-	-	Vacant	-
22	Fuse 22 on fuse holder C -SC22-	-	Vacant	-
23	Fuse 23 on fuse holder C -SC23-	5 A	Steering angle sender -G85- TCS and ESP button -E256- Switches and instruments regulator illumination bulb -L155- ABS control unit -J104-	15a
24	Fuse 24 on fuse holder C -SC24-	10 A	Steering angle sender -G85- ABS control unit -J104-	30a

2.2.3 Fuse holder (SB)

♦ Table 3

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
25	Fuse 25 on fuse holder B -SB25-	10 A	Front left turn signal bulb -M5- Rear left turn signal bulb -M6- Front right turn signal bulb -M7- Rear right turn signal bulb -M8- Onboard supply control unit -J519-	30a
26	Fuse 26 on fuse holder B -SB26-	10 A	Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition transformer -N152- (for models with 1,4l engine only) Engine control unit -J623-	87a
27	Fuse 27 on fuse holder B -SB27-	15 A	Air conditioning system control unit -J301- 16-pin connector, diagnostic -T16a-	30a
28	Fuse 28 on fuse holder B -SB28-	5 A	Dash panel insert -K- Convenience system central control unit -J393-	30a

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29	Fuse 29 on fuse holder B -SB29-	20 A	Automatic intermittent wash and wipe relay -J31- Onboard supply control unit -J519-	53a
30	Fuse 30 on fuse holder B -SB30-	5 A	Heater element for crankcase breather -N79- (for models with 1.4 l petrol engine) Air mass meter -G70- (for models with 1.4 l diesel engine only) Current supply relay -J16- (for models with 1.2 l engine only) Engine control unit -J623-	15a
31	Fuse 31 on fuse holder B -SB31-	5 A	Right tail light bulb -M2- (up to December 2006) Right side light bulb -M3- Right brake and tail light bulb -M22- Dash panel insert -K-	58r
32	Fuse 32 on fuse holder B -SB32-	5 A	Number plate light -X-	58
33	Fuse 33 on fuse holder B -SB33-	15 A	Fuel gauge sender -G- Fuel system pressurisation pump -G6-	87a
34	Fuse 34 on fuse holder B -SB34-	10 A	Hall sender -G40- (for models with 1.2 l and 1.4 l petrol engines only) Intake manifold flap motor -V157- (for models with 1.4 l diesel engine only) Exhaust gas recirculation valve -N18- (for models with 1.4 l diesel engine only) Charge pressure control solenoid valve -N75- (for models with 1.4 l diesel engine only) Activated charcoal filter system solenoid valve 1 -N80- (for models with 1.2 l and 1.4 l petrol engines only)	87a
35	Fuse 35 on fuse holder B -SB35-	10 A	Front and rear fog light switch -E23- Front and rear fog light switch illumination bulb -L40- Left headlight twin filament bulb/left sealed beam insert -L1- Dash panel insert -K- Left main beam bulb -M30- (up to November 2006)	56al
36	Fuse 36 on fuse holder B -SB36-	10 A	Front and rear fog light switch -E23- Front and rear fog light switch illumination bulb -L40- Left headlight twin filament bulb/left sealed beam insert -L1- Headlight range control regulator -E102- Left headlight range control motor -V48- Left dipped beam bulb -M29- (up to November 2006)	56bl
37	Fuse 37 on fuse holder B -SB37-	10 A	Reversing light switch -F4- Left reversing light bulb -M16- Right reversing light bulb -M17- Onboard supply control unit -J519-	15a

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38	Fuse 38 on fuse holder B -SB38-	5 A	Clutch pedal switch -F36- Brake pedal switch -F47- Fuel pump relay -J17- Dash panel insert -K-	15a
39	Fuse 39 on fuse holder B -SB39-	10 A	Luggage compartment light -W3- Onboard supply control unit -J519-	30a
40	Fuse 40 on fuse holder B -SB40-	10 A	Brake light switch -F-	15a
41	Fuse 41 on fuse holder B -SB41-	10 A	Horn or dual tone horn -H1- Onboard supply control unit -J519-	30a
42	Fuse 42 on fuse holder B -SB42-	25 A	Fresh air blower switch -E9-	XR
43	Fuse 43 on fuse holder B -SB43-	5 A	Left side light bulb -M1- Left tail light bulb -M4- (up to December 2006) Left brake and tail light bulb -M21- Dash panel insert -K-	58l
44	Fuse 44 on fuse holder B -SB44-	10 A	Injector, cylinder 1 -N30- Injector, cylinder 2 -N31- Injector, cylinder 3 -N32- Injector, cylinder 4 -N33- (for models with 1.4 l petrol engine) Engine control unit -J623-	87a
45	Fuse 45 on fuse holder B -SB45-	10 A	Lambda probe -G39- Lambda probe after catalytic converter -G130-	87a
		5 A	Clutch pedal switch -F36- Brake pedal switch -F47- Low heat output relay -J359- High heat output relay -J360-	
46	Fuse 46 on fuse holder B -SB46-	10 A	Right headlight twin filament bulb/right sealed beam insert -L2- Right main beam bulb -M32- (up to November 2006)	56ar
47	Fuse 47 on fuse holder B -SB47-	10 A	Right headlight twin filament bulb/right sealed beam insert -L2- Right dipped beam bulb -M31- (up to November 2006) Right headlight range control motor -V49-	56br
48	Fuse 48 on fuse holder B -SB48-	20 A	Cigarette lighter -U1- Cigarette lighter illumination bulb -L28-	XR

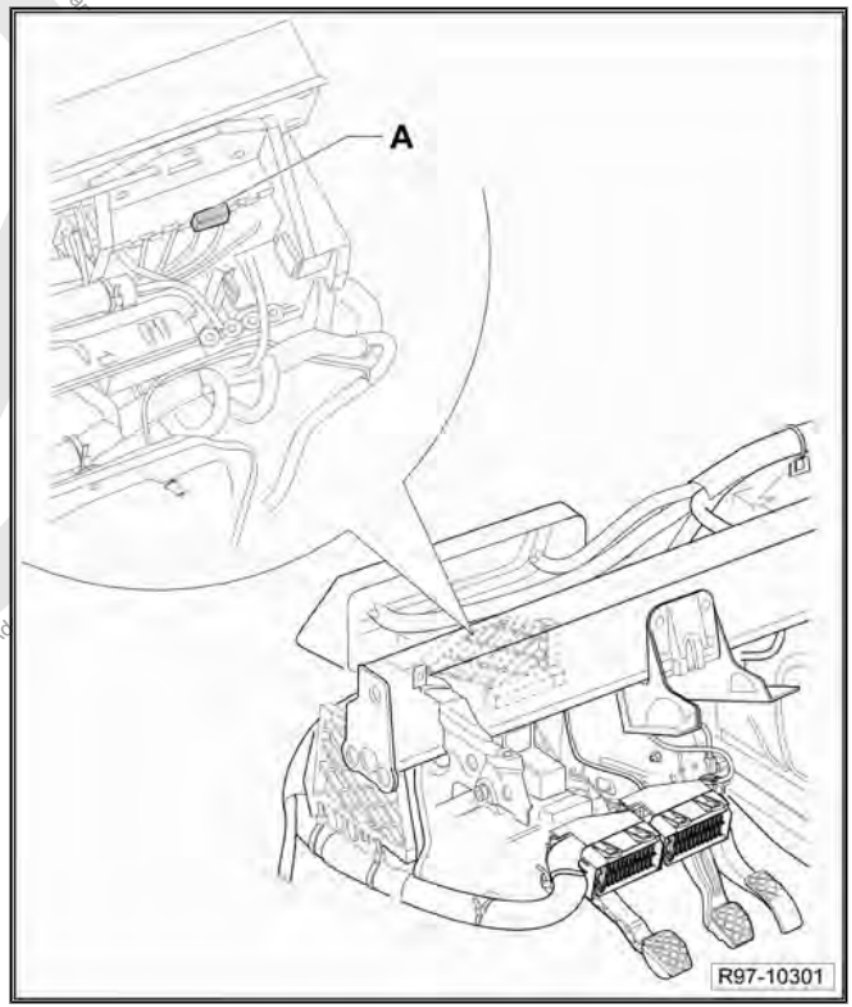
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2.3 Fuses on relay carrier

2.3.1 Window regulator single fuse - S37

A -
Window regulator single fuse -S37 - 20A-

- Colour: yellow
- Fitting Locations: behind the relay carrier



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2.3.2 Heater element fuses

A -
Heater element fuse 1 -S276 - 40A-

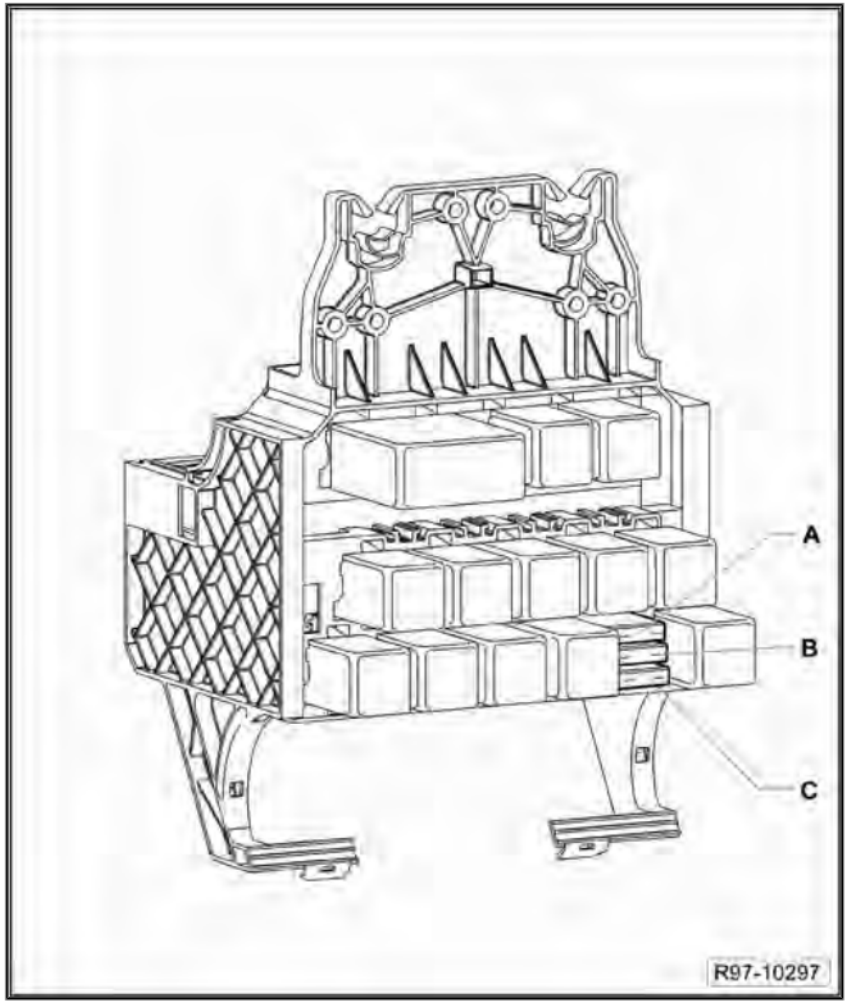
- Colour: orange

B - Heater element fuse 2 -S277 - 40A-

- Colour: orange

C - Heater element fuse 3 -S278 - 40A-

- Colour: orange



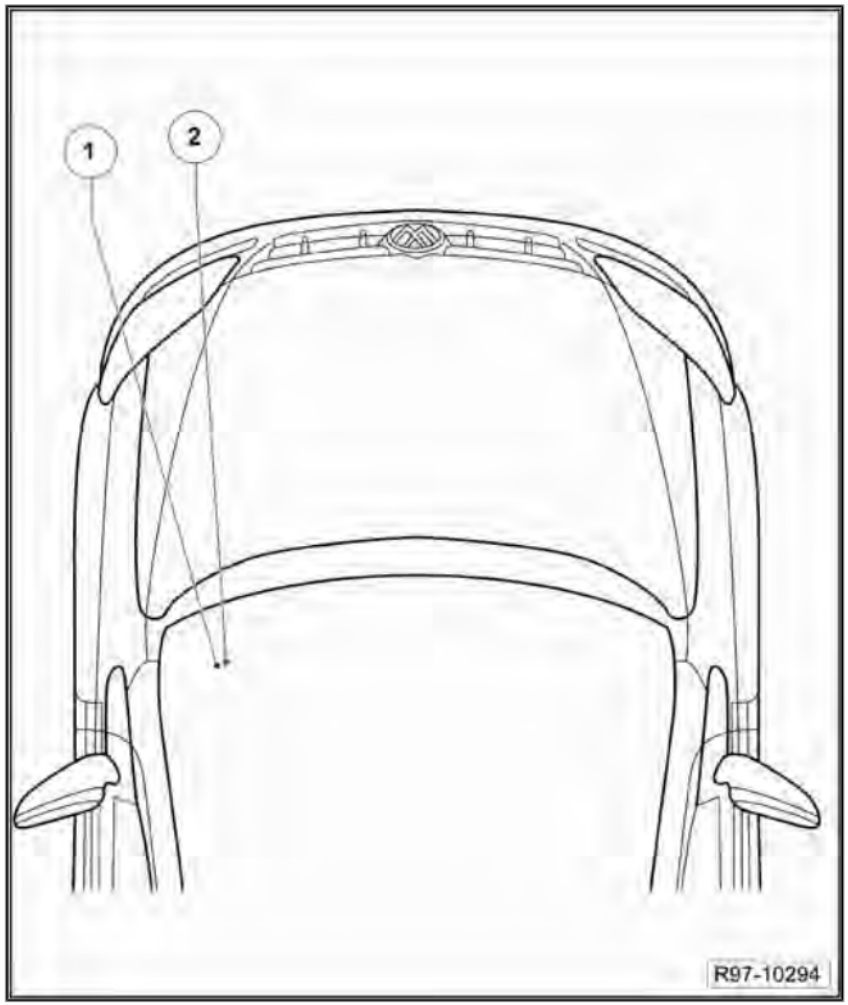
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1 Fox

1 - Relay, behind left dash panel:
- ❑ Designation of relay: (up to April 2009) ⇒ page 2
- ❑ Designation of relay: (from April 2009) ⇒ page 3

2 - Relay above relay carrier
- ❑ Designation of relay: ⇒ page 5



1.1 Relay, behind left dash panel

1.1.1 Designation of relay: (up to April 2009)

1 - Mirror memory control unit -J267-
- Colour: black

2 - Mirror memory control unit -J267-
- Colour: black

3 - Fuel pump relay -J17-
- Colour: black

4 - Air conditioning system switch-off relay -J365-
- Colour: black or blue

5 - Glow plug relay -J52-
- Colour: white

5 - Fuel supply relay -J643-
- Colour: grey

6 - Dipped beam relay -J331-
- Colour: black

7 - Headlight main beam relay -J12-
- Colour: black

8 - Heated rear window control relay -J48-
- Colour: blue

9 - Automatic intermittent wash and wipe relay -J31-
- Colour: red

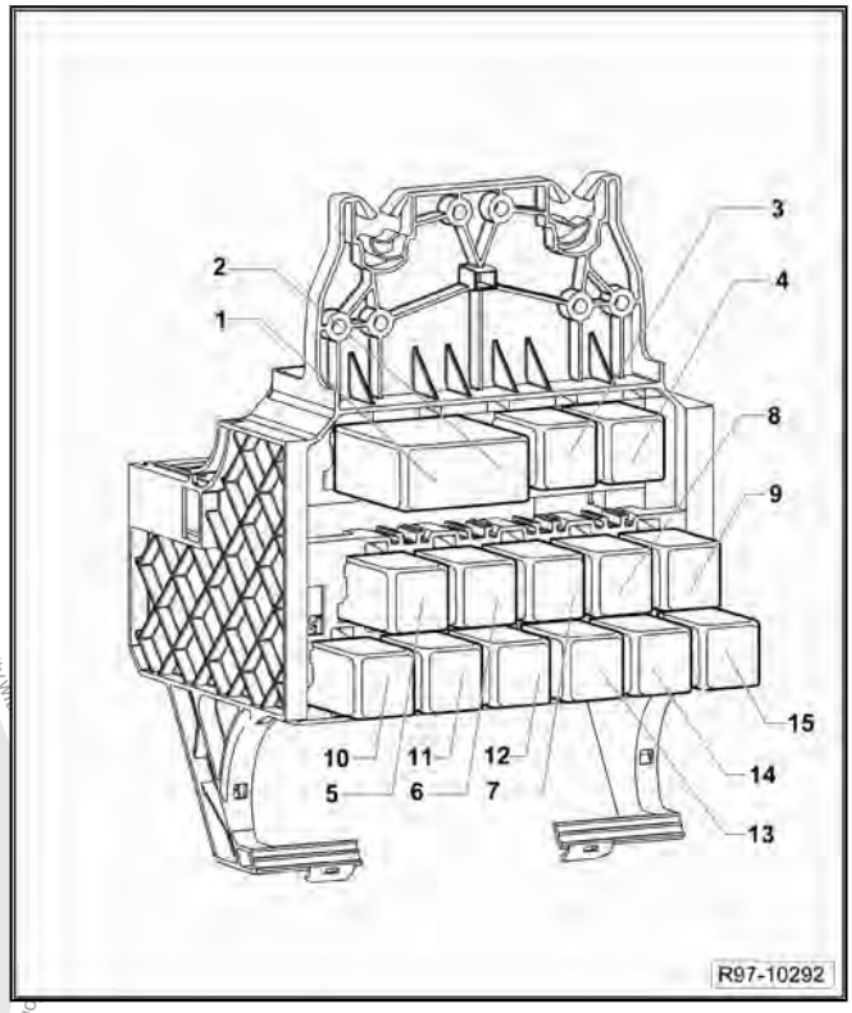
10 - Radiator fan 2nd speed relay -J101-
- Colour: black

11 - Fresh air blower and radiator fan relay -J209-
- Colour: black

12 - X-contact relief relay -J59-
- Colour: grey

13 - Dual tone horn relay -J4-
- Colour: black

14 - Relay for air conditioning system, diesel engine -J825-
- Colour: black



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15 - Cold start device relay -J41-
- Colour: black
- for models with Total Flex engines only

1.1.2 Designation of relay: (from April 2009)

1 - Mirror memory control unit -J267-
- Colour: dark grey

2 - Mirror memory control unit -J267-
- Colour: dark grey

3 - Fuel supply relay -J643-
- Colour: grey

3 - Voltage supply relay 1 -J701-
- Colour: grey

4 - Fuel pump relay -J17-
- Colour: black

5 - Air conditioning system switch-off relay -J365-
- Colour: black or blue

6 - Radiator fan 2nd speed relay -J101-
- Colour: black

7 - Dipped beam relay -J331-
- Colour: black

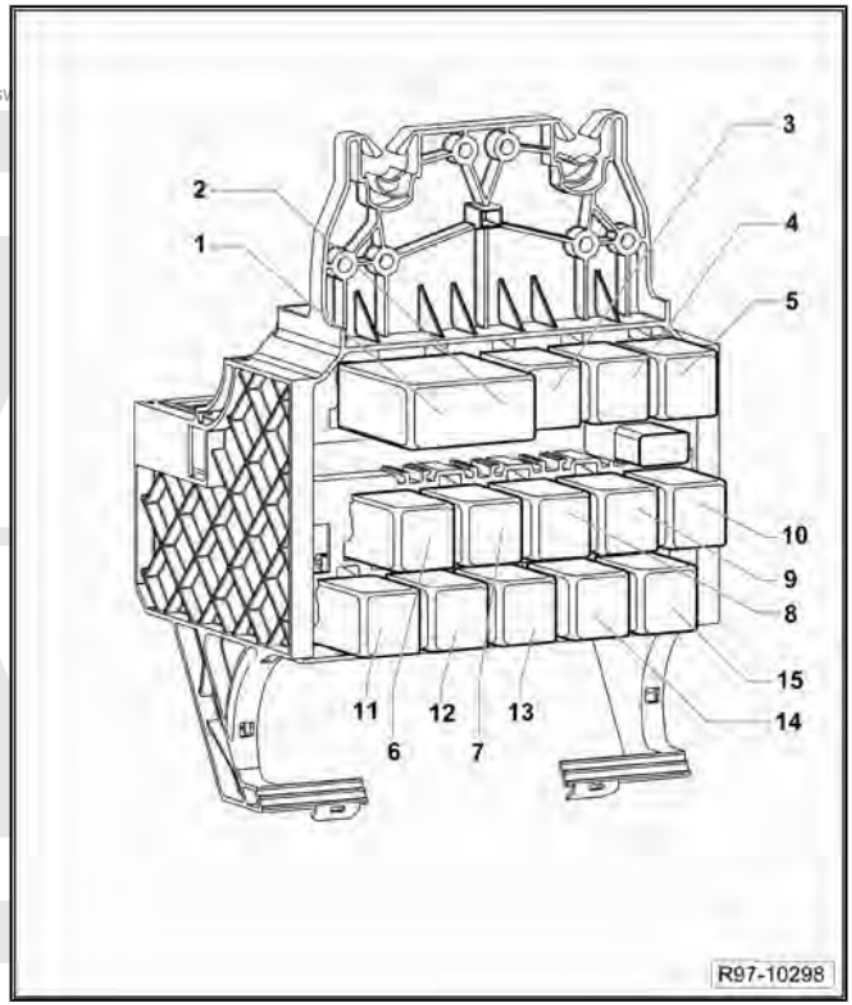
8 - Headlight main beam relay -J12-
- Colour: black

9 - Heated rear window control relay -J48-
- Colour: blue

10 - Automatic intermittent wash and wipe relay -J31-
- Colour: red

11 - Fresh air blower and radiator fan relay -J209-
- Colour: black

12 - X-contact relief relay -J59-
- Colour: grey



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13 - Dual tone horn relay -J4-
- Colour: black

14 - Relay for air conditioning system, diesel engine -J825-
- Colour: black

15 - Cold start device relay -J41-
- Colour: black
- for models with Total Flex engines only

15 - Terminal 30 voltage supply relay -J317-
- Colour: grey

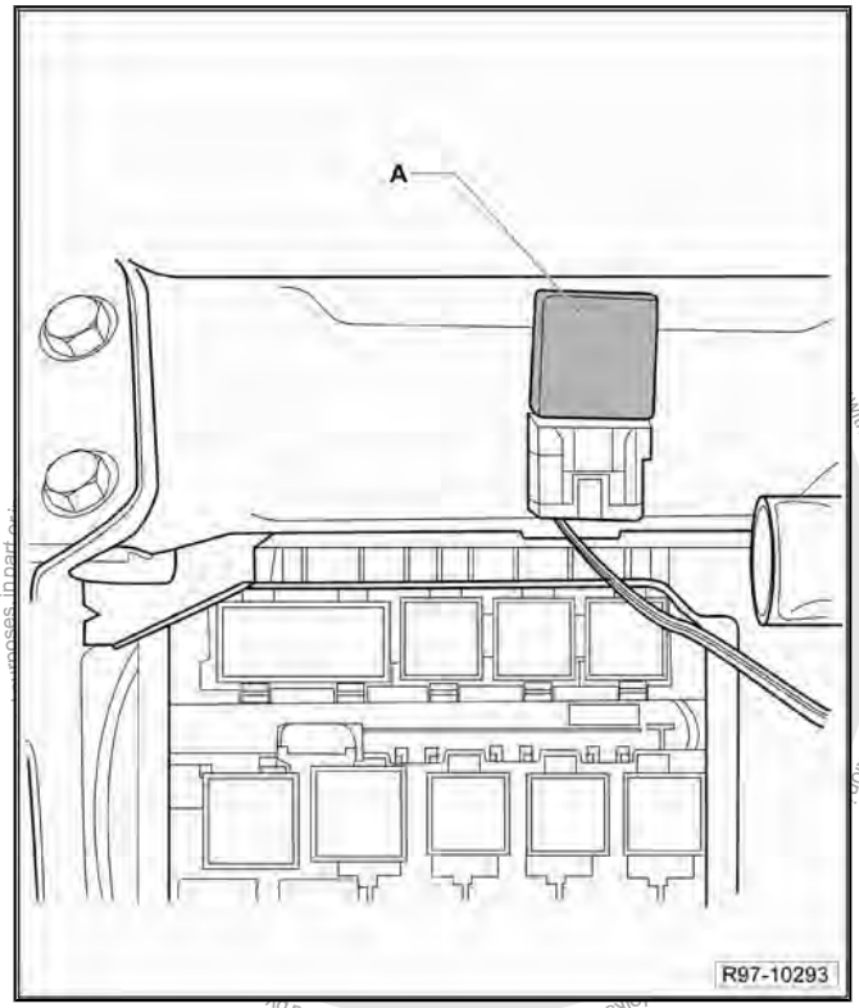
1.2 Relay above relay carrier

1.2.1 Designation of relay:

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A - Hazard warning light relay -J2 -

- Colour: yellow

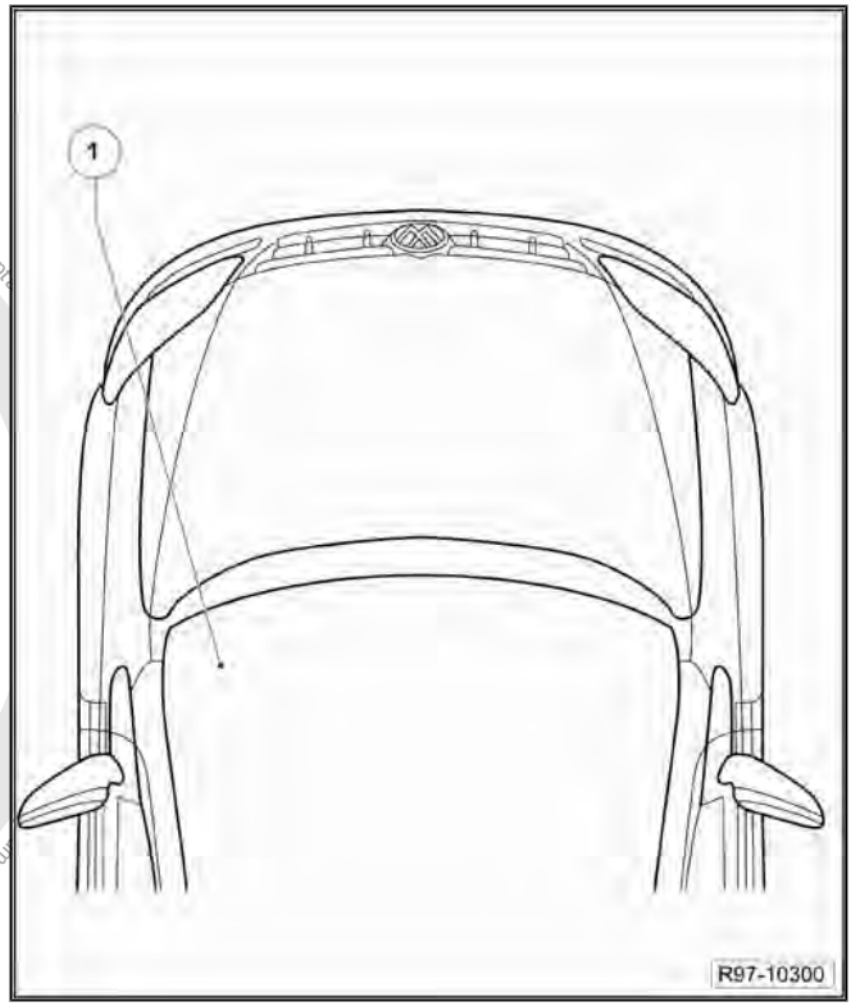


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2 Fox Europa

1 - Relay, behind left dash panel:

- ❑ Designation of relay: ⇒ page 7



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2.1 Relay, behind left dash panel

2.1.1 Designation of relay:

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1 - Daytime running lights relay, side and tail lights -J277-
- ❑ Colour: black or grey

2 - Daytime running lights relay, side and tail lights -J277-
- ❑ Colour: black or grey

3 - Glow plug relay -J52-
- ❑ Colour: white

4 - Fuel pump relay -J17-
- ❑ Colour: grey

5 - Headlight main beam relay -J12-
- ❑ Colour: black

6 - -Vazio-
- ❑ Colour: -

7 - Automatic gearbox relay -J60-
- ❑ Colour: grey

8 - Low heat output relay -J359-
- ❑ Colour: grey

9 - High heat output relay -J360-
- ❑ Colour: black

10 - Fresh air blower and radiator fan relay -J209-
- ❑ Colour: black

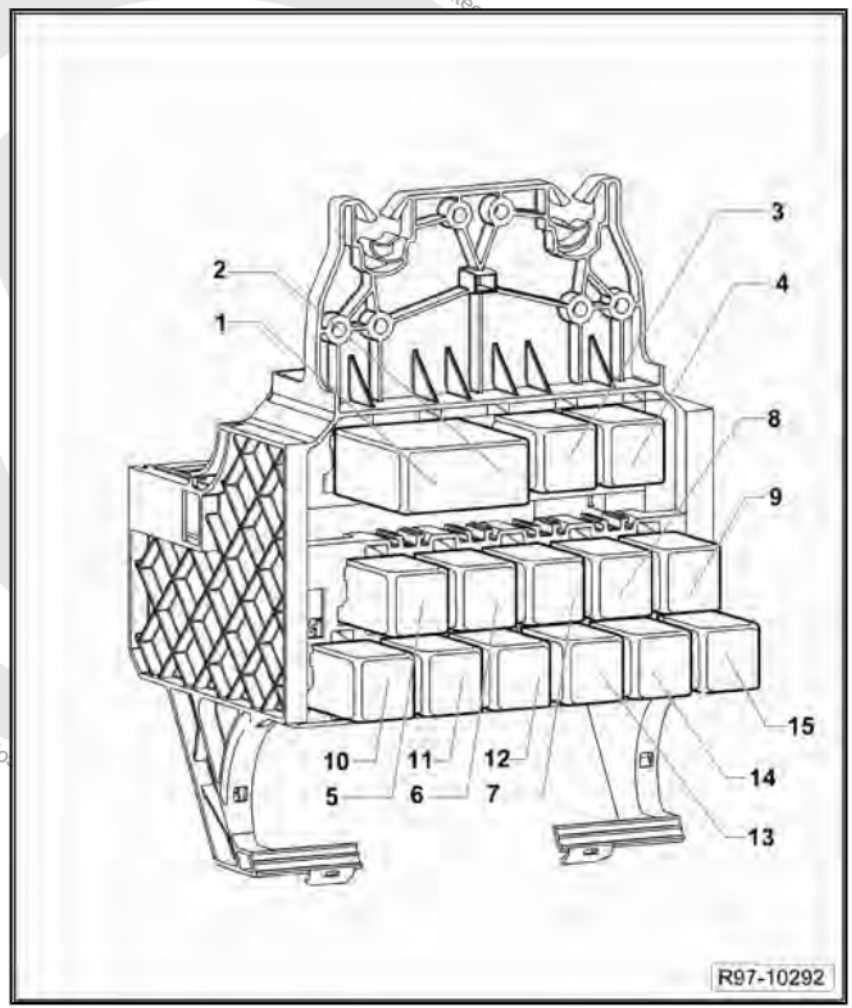
11 - X-contact relief relay -J59-
- ❑ Colour: grey

12 - Fuel supply relay -J643-
- ❑ Colour: grey

13 - Current supply relay -J16-
- ❑ Colour: grey

13 - Terminal 30 voltage supply relay -J317-
- ❑ Colour: grey

13 - Current supply relay for 4EV -J778-
- ❑ Colour: grey



14 - -Adaptador dos fusíveis do aquecimento-

- Colour: black

15 - Radiator fan 2nd speed relay -J101-

- Colour: black

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1 Fox Europa

1 - ABS control unit - J104 -
- Location: ⇒ page 2
- Designation of connector: ⇒ page 3

2 - ABS control unit (right-hand drive) - J104 -
- Location: ⇒ page 4
- Designation of connector: ⇒ page 5

3 - Heated driver seat control unit - J131 -
- Location: ⇒ page 6
- Designation of connector: ⇒ page 7

4 - Heated front passenger seat control unit - J132 -
- Location: ⇒ page 8
- Designation of connector: ⇒ page 9

5 - Heater control unit - J162 -
- Location: ⇒ page 10
- Designation of connector: ⇒ page 11

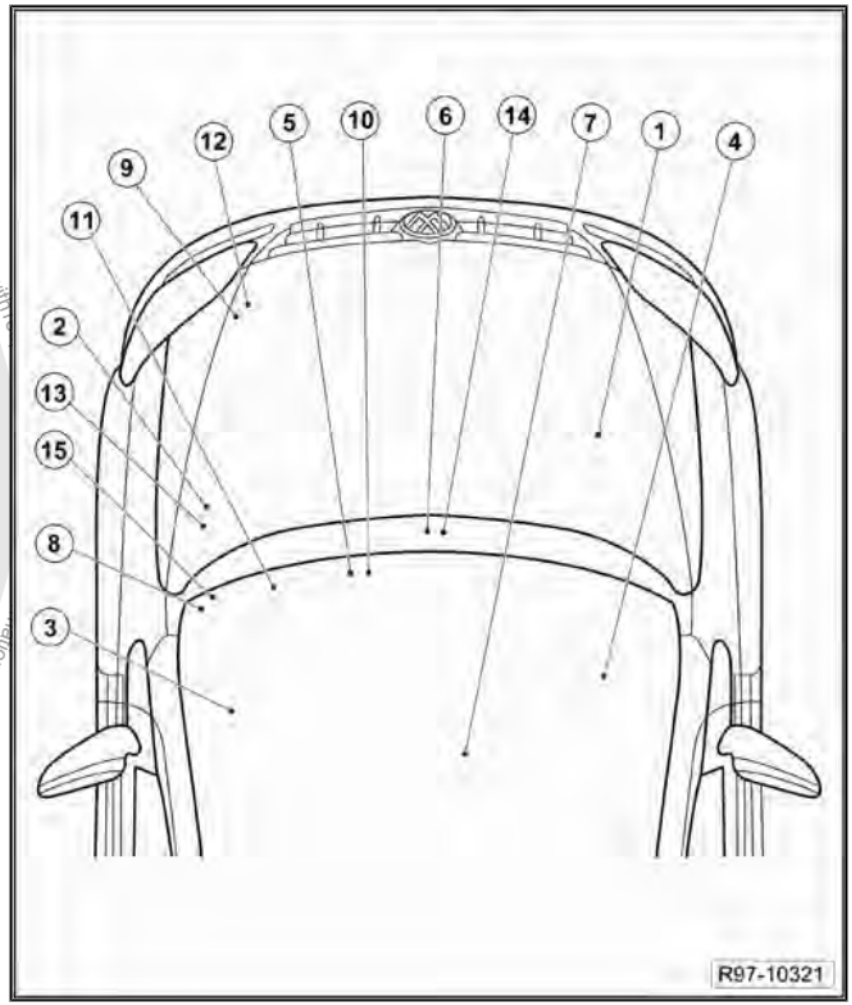
6 - Airbag control unit - J234 -
- Location: ⇒ page 12
- Designation of connector: ⇒ page 13

7 - Sliding sunroof adjustment control unit - J245 -
- Location: ⇒ page 14
- Designation of connector: ⇒ page 15

8 - Control unit with display in dash panel insert - J285 -
- Location: ⇒ page 16
- Designation of connector: ⇒ page 17

9 - Radiator fan control unit - J293 -
- Location: ⇒ page 19
- Designation of connector: ⇒ page 20

10 - Air conditioning system control unit - J301 -
- Location: ⇒ page 21
- Designation of connector: ⇒ page 22



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11 - Convenience system central control unit - J393 -
- ❑ Location: ⇒ page 23
- ❑ Designation of connector: ⇒ page 24

12 - Power steering control unit - J500 -
- ❑ Location: ⇒ page 25
- ❑ Designation of connector: ⇒ page 26

13 - Onboard supply control unit - J519 -
- ❑ Location: ⇒ page 27
- ❑ Designation of connector: ⇒ page 28

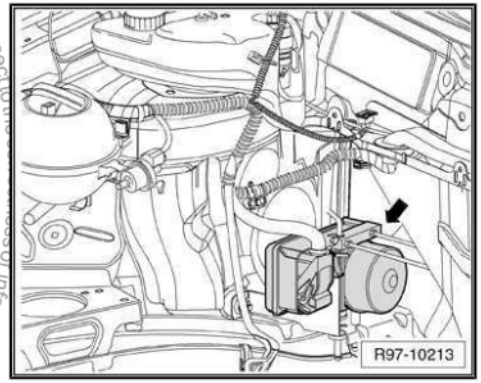
14 - Engine control unit (80-pin) - J623 -
- ❑ Location: ⇒ page 29
- ❑ Designation of connector: ⇒ page 30

15 - Engine control unit (121-pin) - J623 -
- ❑ Location: ⇒ page 31
- ❑ Designation of connector: ⇒ page 32

1.1 ABS control unit - J104 -

1.1.1 Location:

– in engine compartment, right -arrow-



1.1.2 Designation of connector:

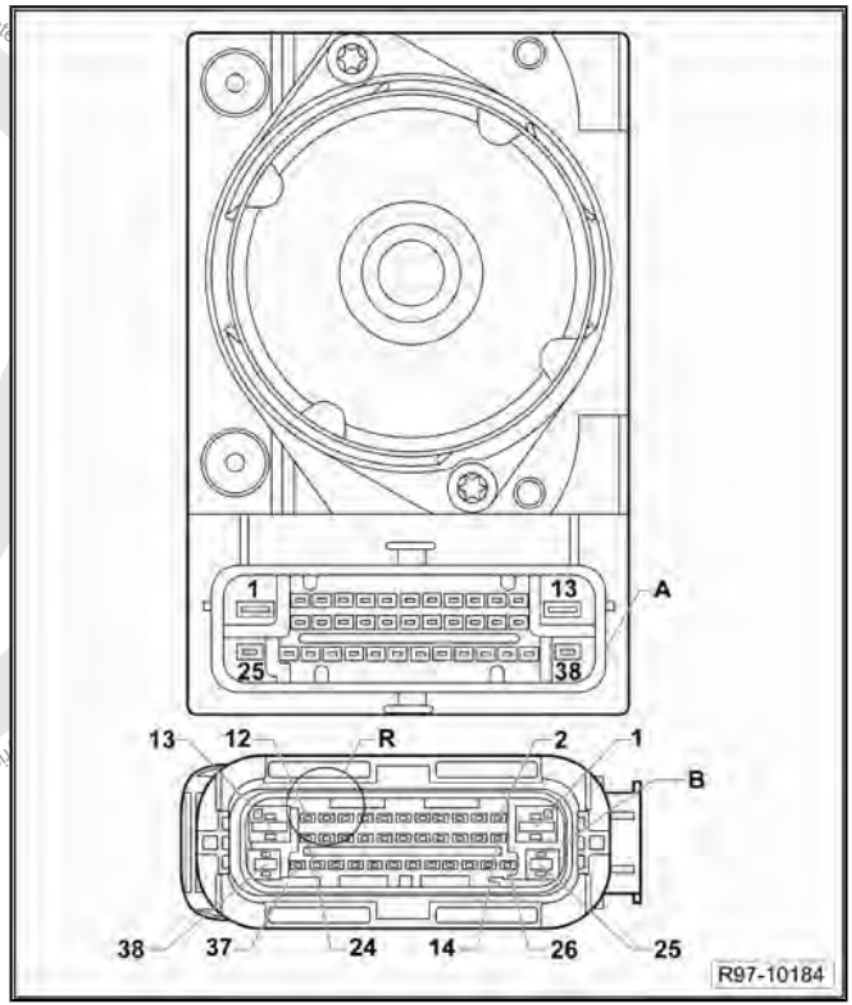
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A - ABS control unit - J104 -

B - 38-pin connector - T38a -

B - 38-pin connector - T38b -

- ❑ for models with EPS, ASR and ESP only

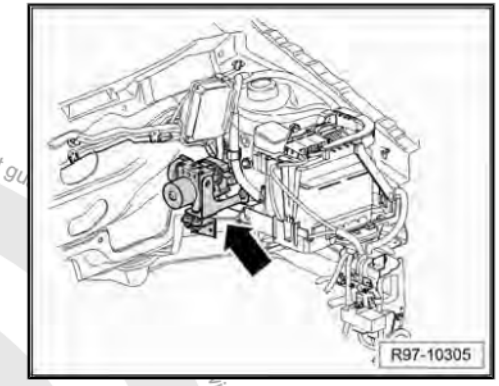


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1.2 ABS control unit (right-hand drive) - J104 -

1.2.1 Location:

– in engine compartment, left -arrow-



1.2.2 Designation of connector:

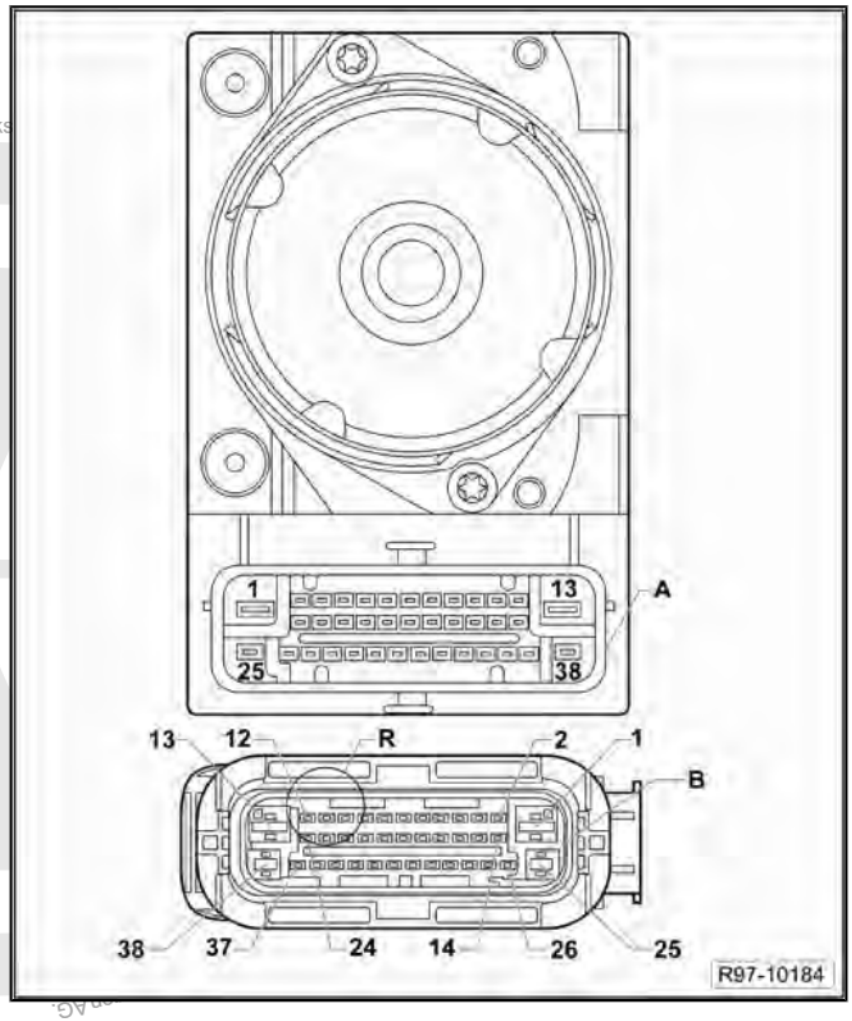
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A - ABS control unit - J104 -

B - 38-pin connector - T38a -

B - 38-pin connector - T38b -

- ❑ for models with EPS, ASR and ESP only

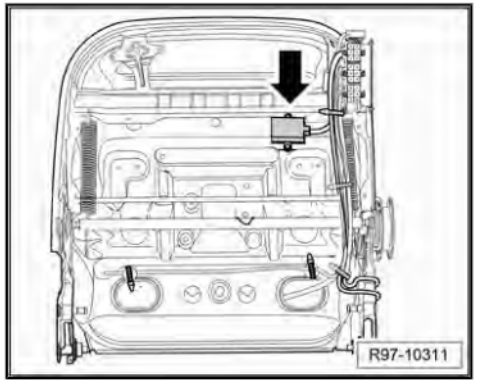


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1.3 Heated driver seat control unit - J131 -

1.3.1 Location:

– under driver seat - arrow -

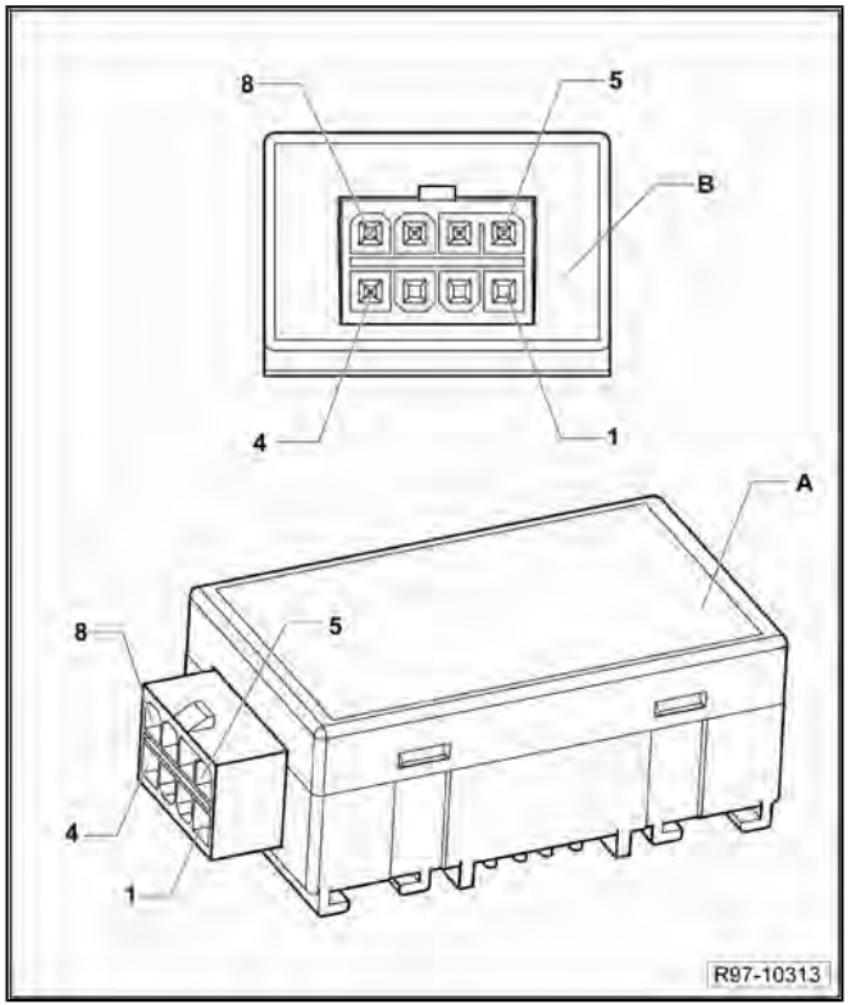


1.3.2 Designation of connector:

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A - Heated driver seat control unit - J131 -

B - 8-pin connector - T8n -

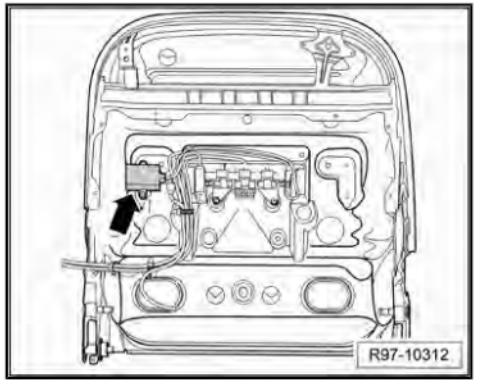


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1.4 Heated front passenger seat control unit - J132 -

1.4.1 Location:

– under front passenger seat - arrow -

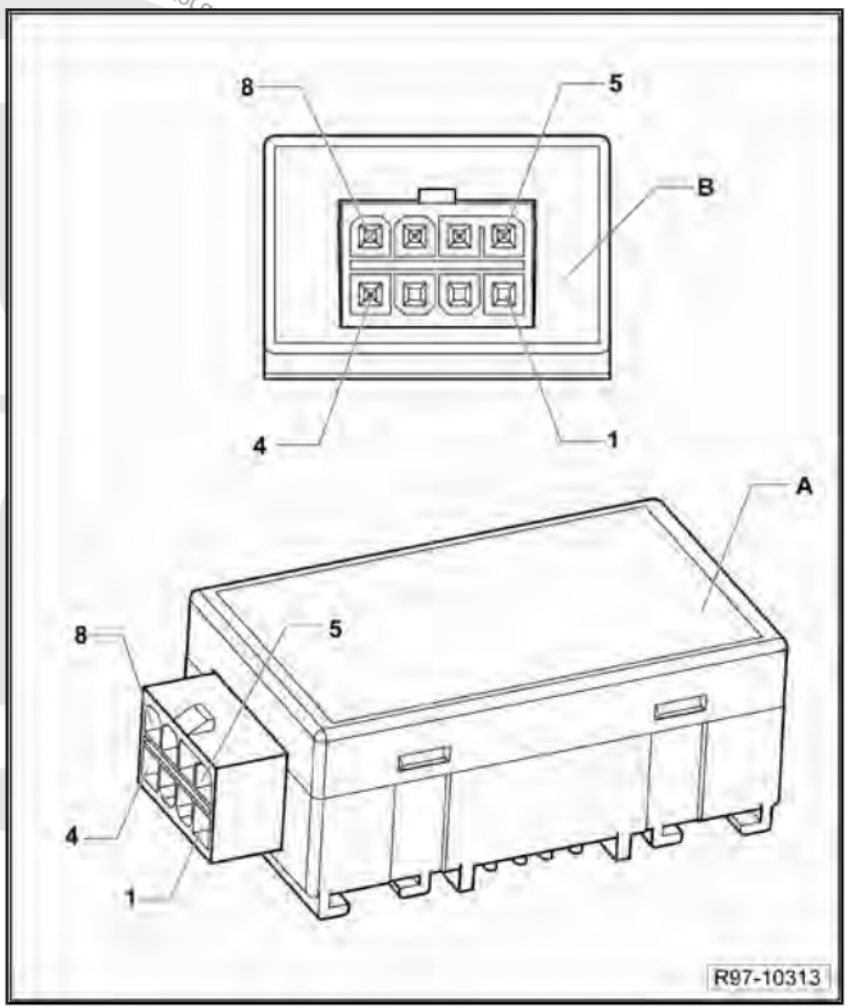


1.4.2 Designation of connector:

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A - Heated front passenger seat control unit - J132 -

B - 8-pin connector - T8m -

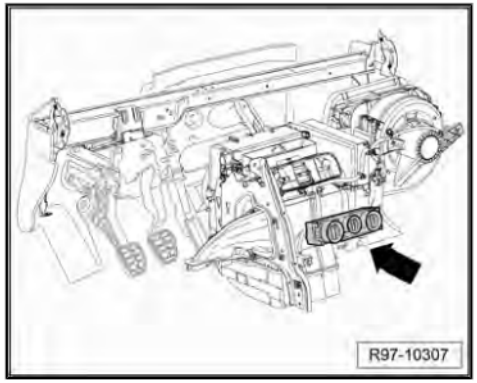


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1.5 Heater control unit - J162 -

1.5.1 Location:

– Above the front centre console -arrow-



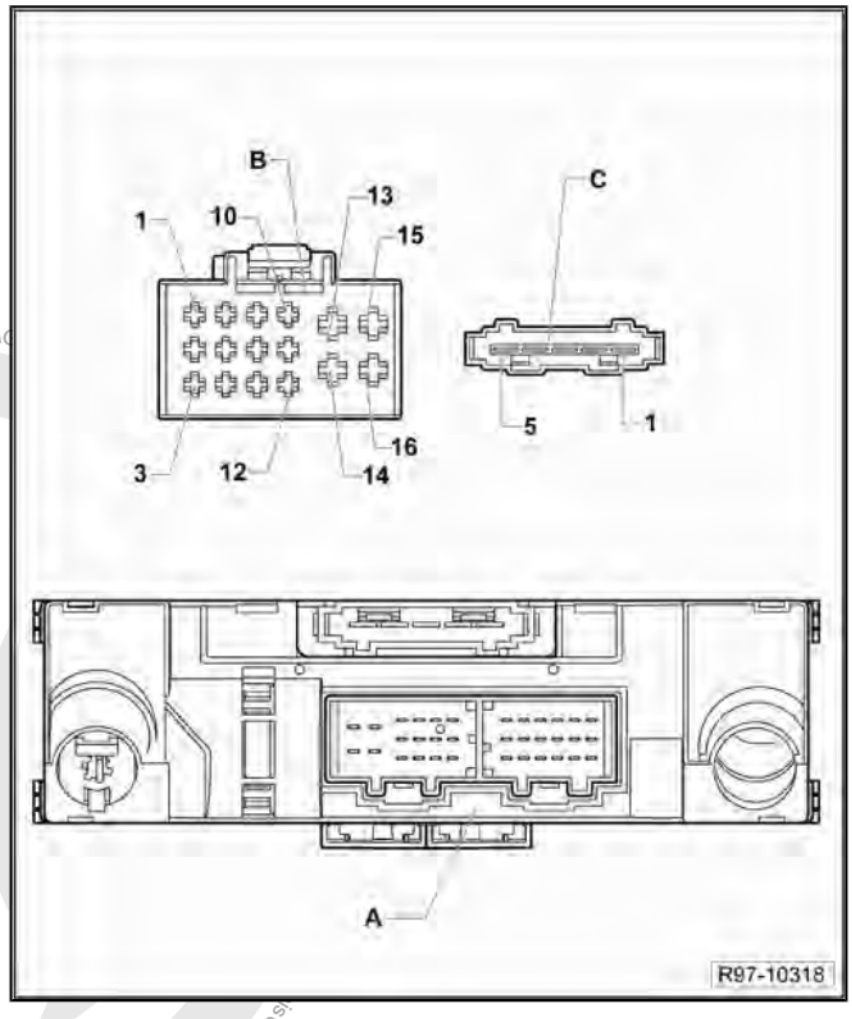
1.5.2 Designation of connector:

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A - Heater control unit - J162 -

B - 16-pin connector - T16d -

C - 5-pin connector - T5m -

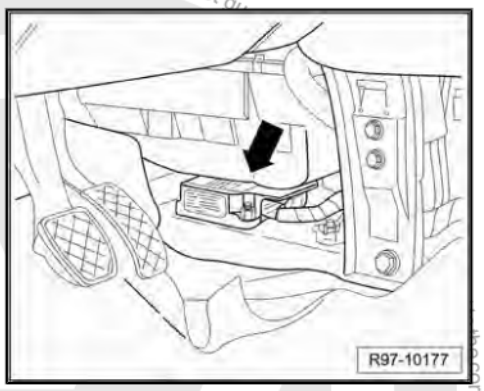


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1.6 Airbag control unit - J234 -

1.6.1 Location:

– under the centre console near selector lever -arrow-

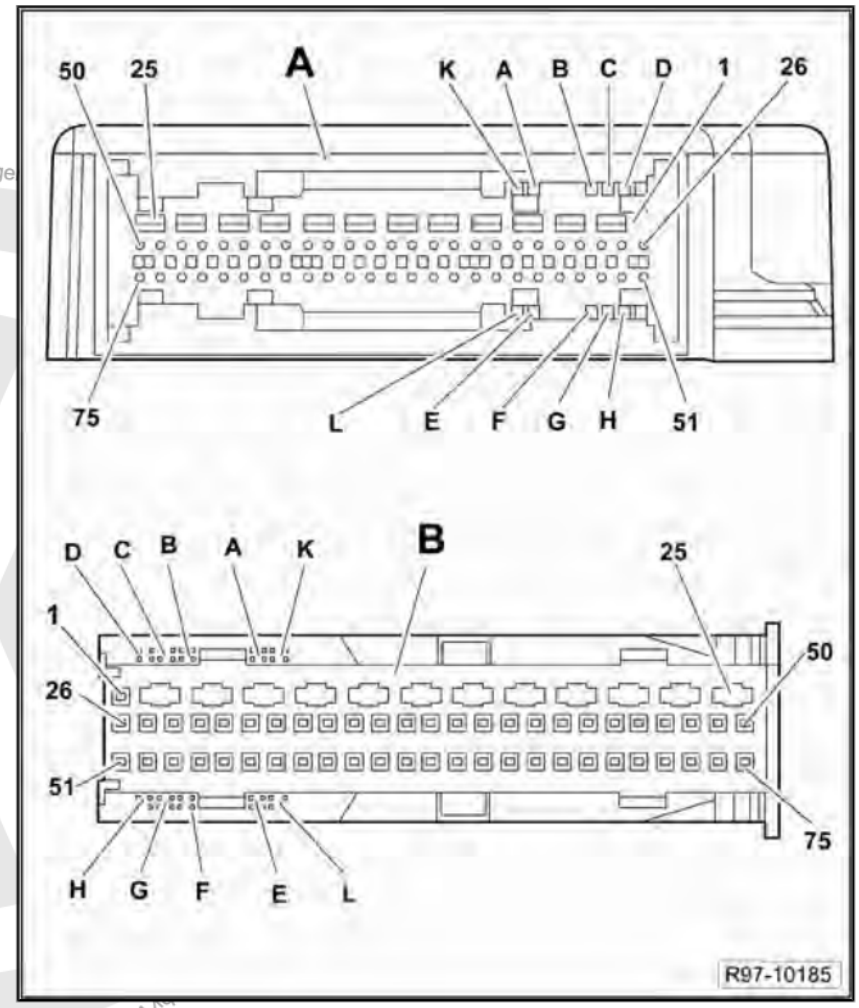


1.6.2 Designation of connector:

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A - Airbag control unit - J234 -

B - 75-pin connector - T75a -

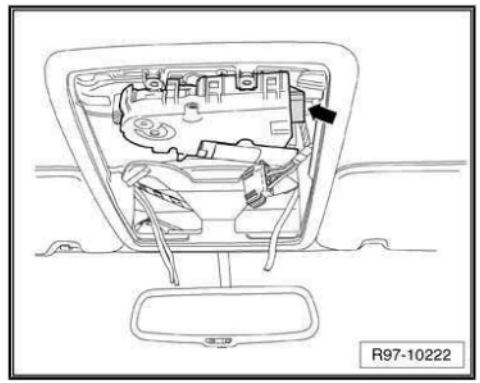


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1.7 Sliding sunroof adjustment control unit - J245 -

1.7.1 Location:

– before interior mirror, next to reading lights-arrow-

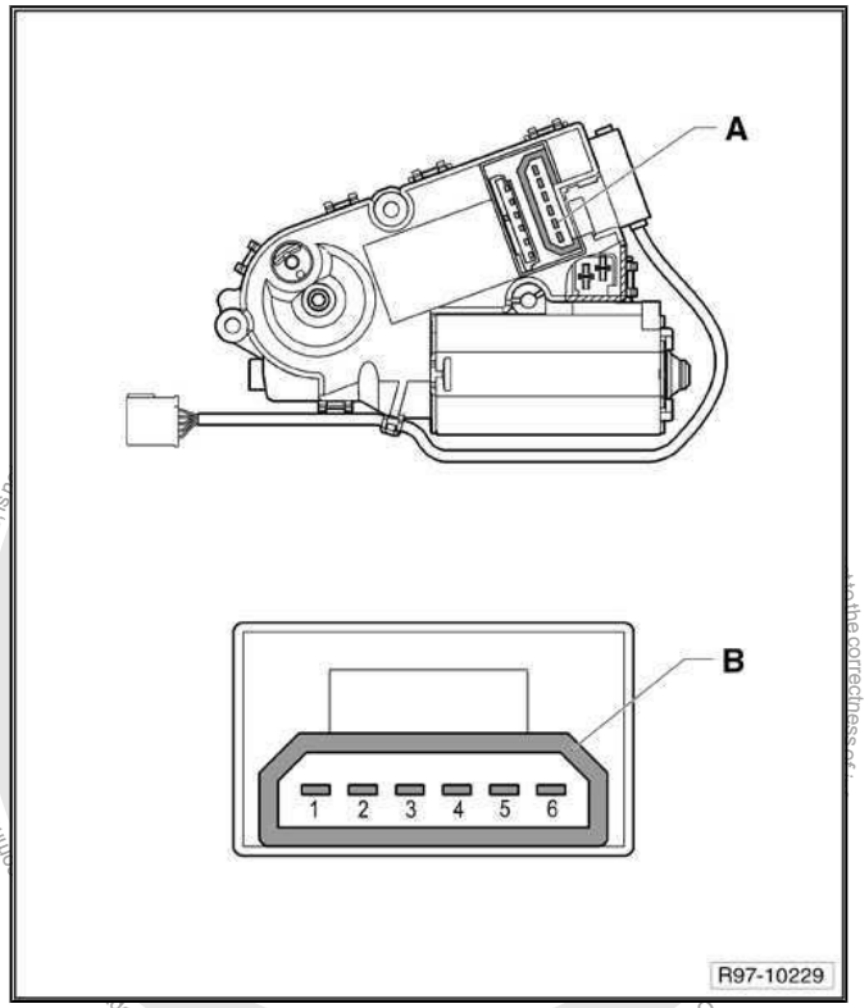


1.7.2 Designation of connector:

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A - Sliding sunroof adjustment control unit - J245 -

B - 6-pin connector - T6x -

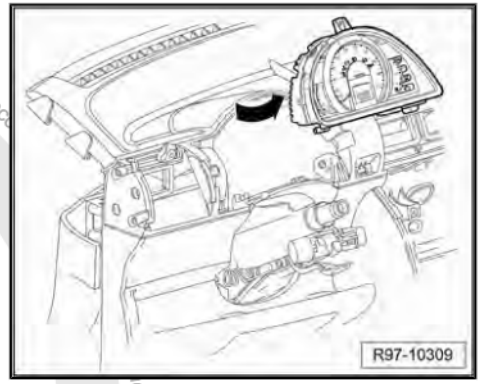


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1.8 Control unit with display in dash panel insert - J285 -

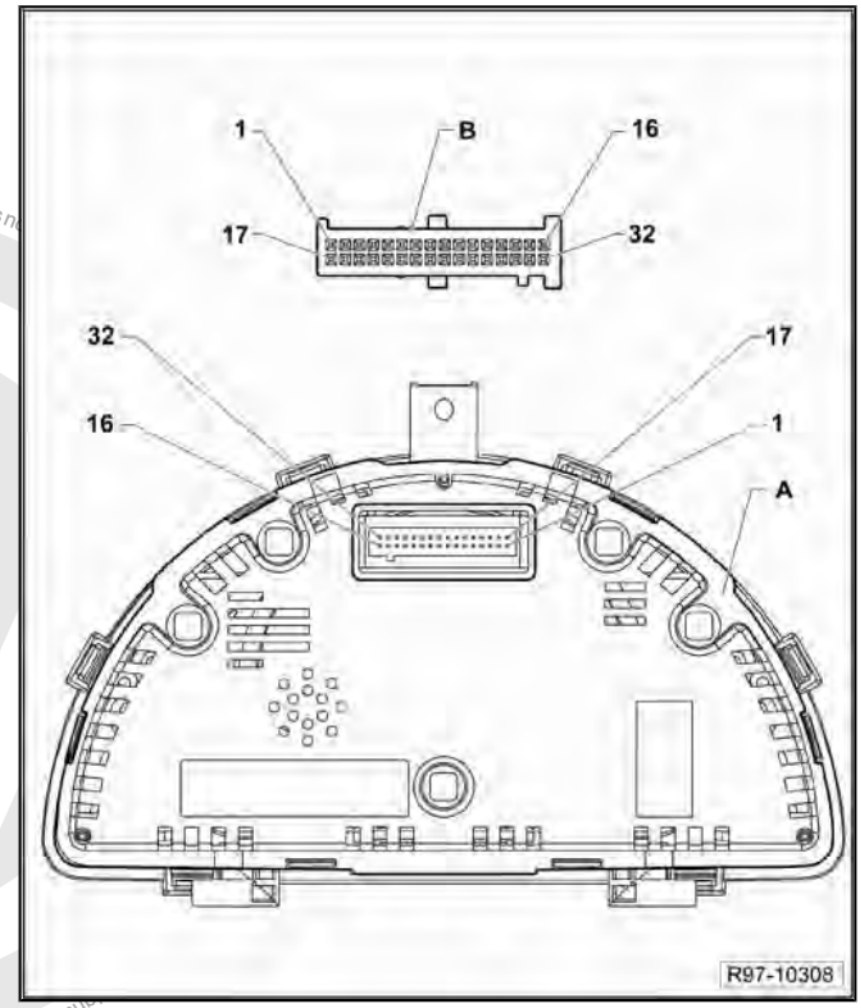
1.8.1 Location:

– Near steering column, in dash panel insert -arrow-



1.8.2 Designation of connector:

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A - Control unit with display in dash panel insert - J285 -

B - 32-pin connector - T32a -

1 - Immobilizer reader coil

2 - Immobilizer reader coil

3 - Terminal 15, ignition

4 - Terminal 30

5 - Right side lights

6 - Vacant

7 - Vacant

8 - Terminal 31

9 - Terminal 31 for sensors

10 - Heated rear window

11 - Vacant

12 - Vacant

13 - Vacant

14 - CAN wake up

15 - CAN Shield

16 - CAN-Bus high

17 - Terminal 58d

18 - Fog lights

19 - Rear fog light

20 - Terminal 58

21 - Handbrake warning switch

22 - Brake fluid level sender

23 - Fuel gauge sender

24 - Seat belt warning system

25 - Terminal 56a, main beam

26 - Ambient temperature indicator sender

27 - Left side lights

28 - Coolant shortage indicator sender

29 - Oil level sender

30 - Speedometer sender

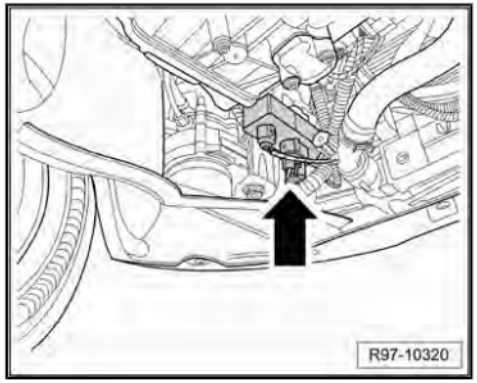
31 - Rev. counter

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1.9 Radiator fan control unit - J293 -

1.9.1 Location:

– in engine compartment, left -arrow-



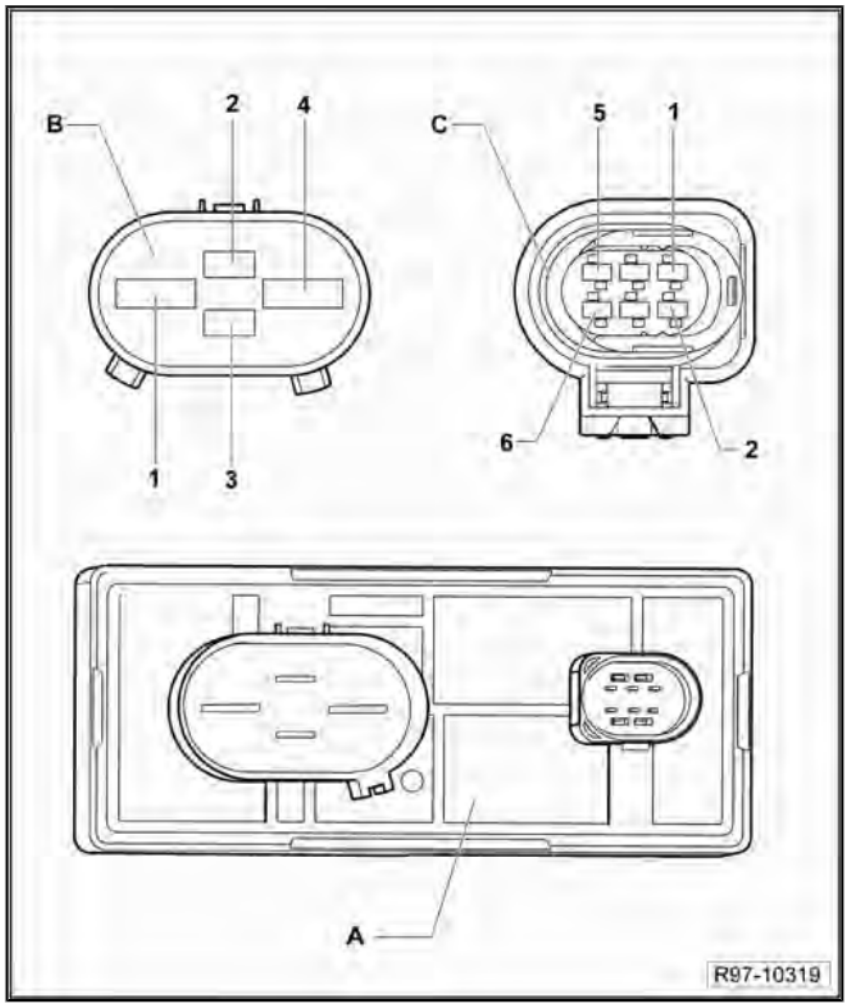
1.9.2 Designation of connector:

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A - Radiator fan control unit - J293 -

B - 4-pin connector - T4am -

C - 6-pin connector - T6al -

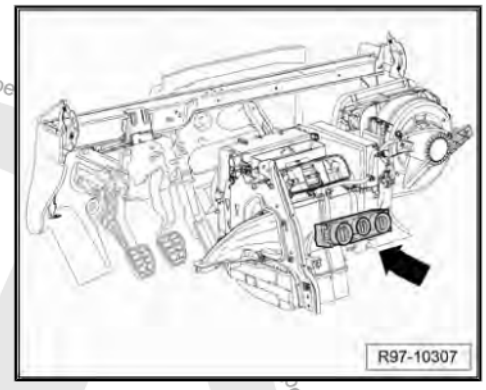


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1.10 Air conditioning system control unit - J301 -

1.10.1 Location:

– Above the front centre console -arrow-



1.10.2 Designation of connector:

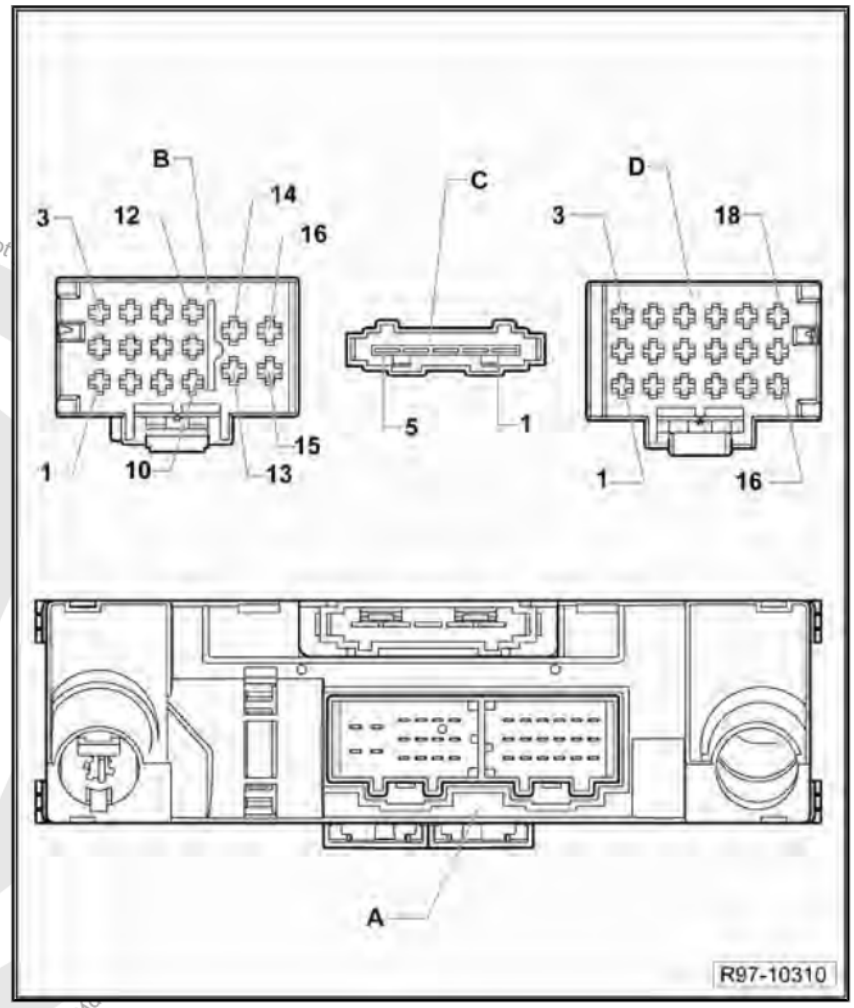
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A - Air conditioning system control unit - J301 -

B - 16-pin connector - T16e -

C - 5-pin connector - T5s -

D - 18-pin connector - T18c -

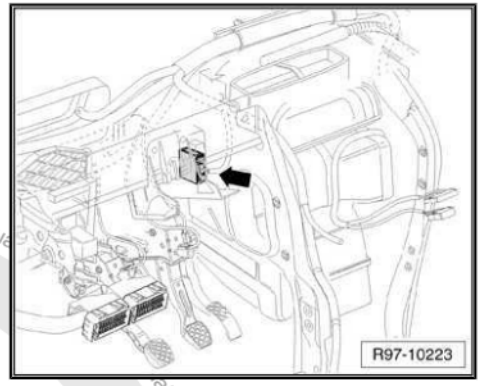


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1.11 Convenience system central control unit - J393 -

1.11.1 Location:

– Behind left dash panel, next to steering column -arrow-



1.11.2 Designation of connector:

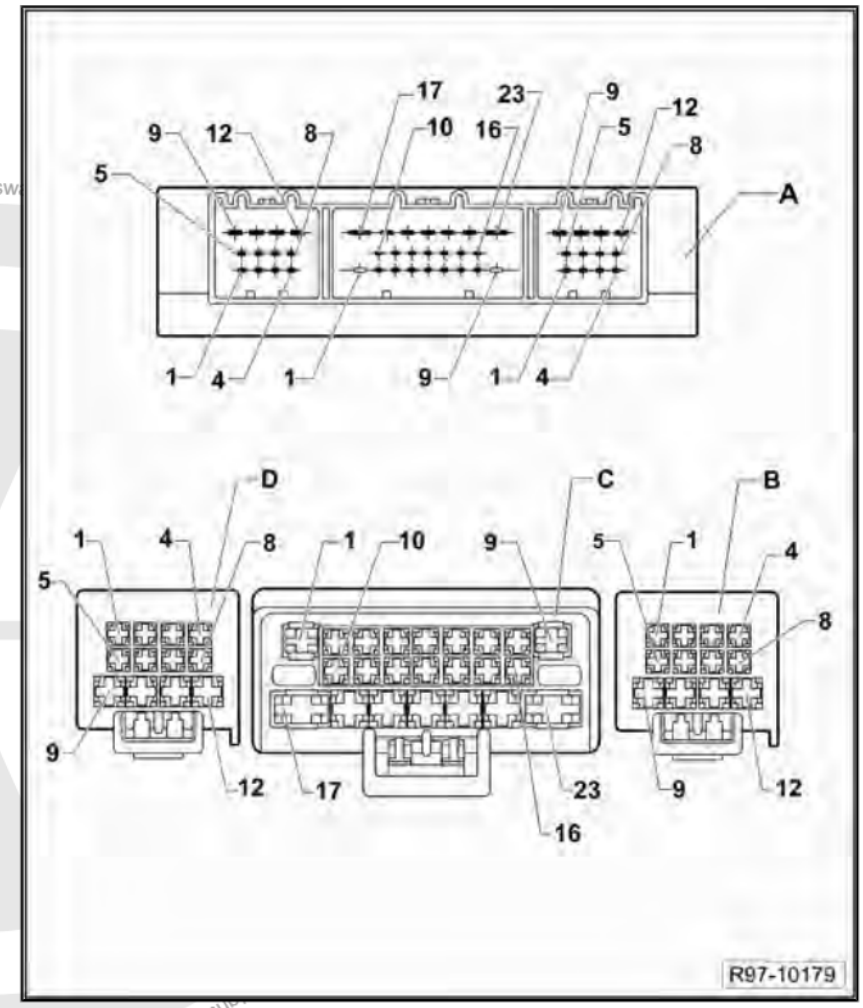
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A - Convenience system central control unit - J393 -

B - 12-pin connector -T12b -

C - 23-pin connector -T23a -

D - 12-pin connector -T12c -

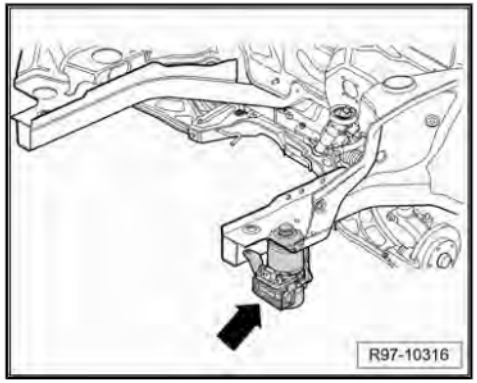


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ght by Volkswagen AG.

1.12 Power steering control unit - J500 -

1.12.1 Location:

– in engine compartment, left -arrow-



1.12.2 Designation of connector:

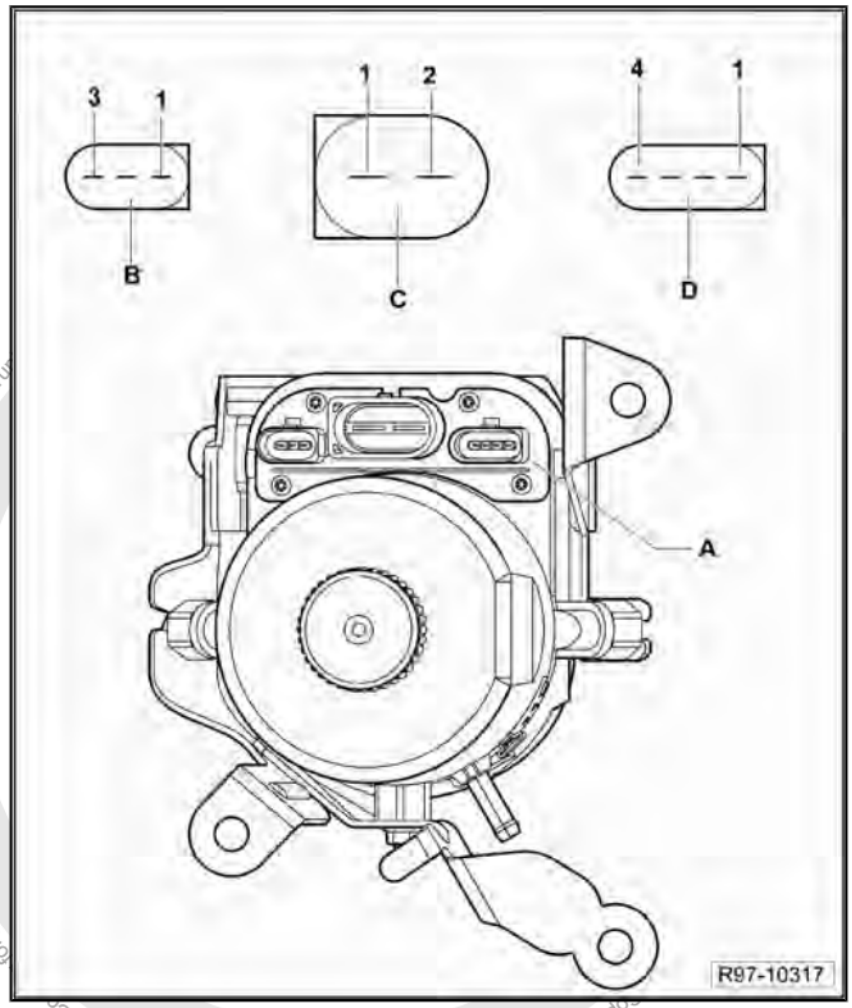
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A - Power steering control unit - J500 -

B - 4-pin connector - T4an -

C - 3-pin connector - T3ai -

D - 2-pin connector - T2cf -

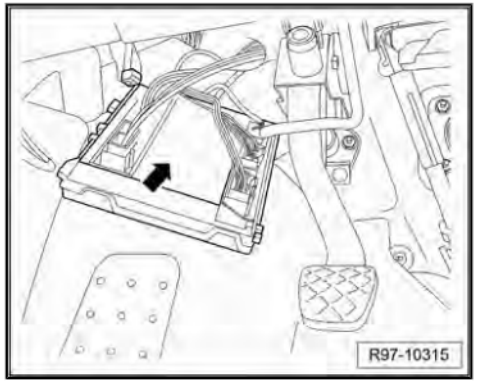


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1.13 Onboard supply control unit - J519 -

1.13.1 Location:

– Behind the dash panel, left- arrow -



1.13.2 Designation of connector:

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A - Onboard supply control unit - J519 -

B - 16-pin connector - T16b -

C - 6-pin connector - T6 -

D - 18-pin connector - T18b -

E - 6-pin connector - T6 -

F - 18-pin connector - T18a -

G - 6-pin connector - T6s -

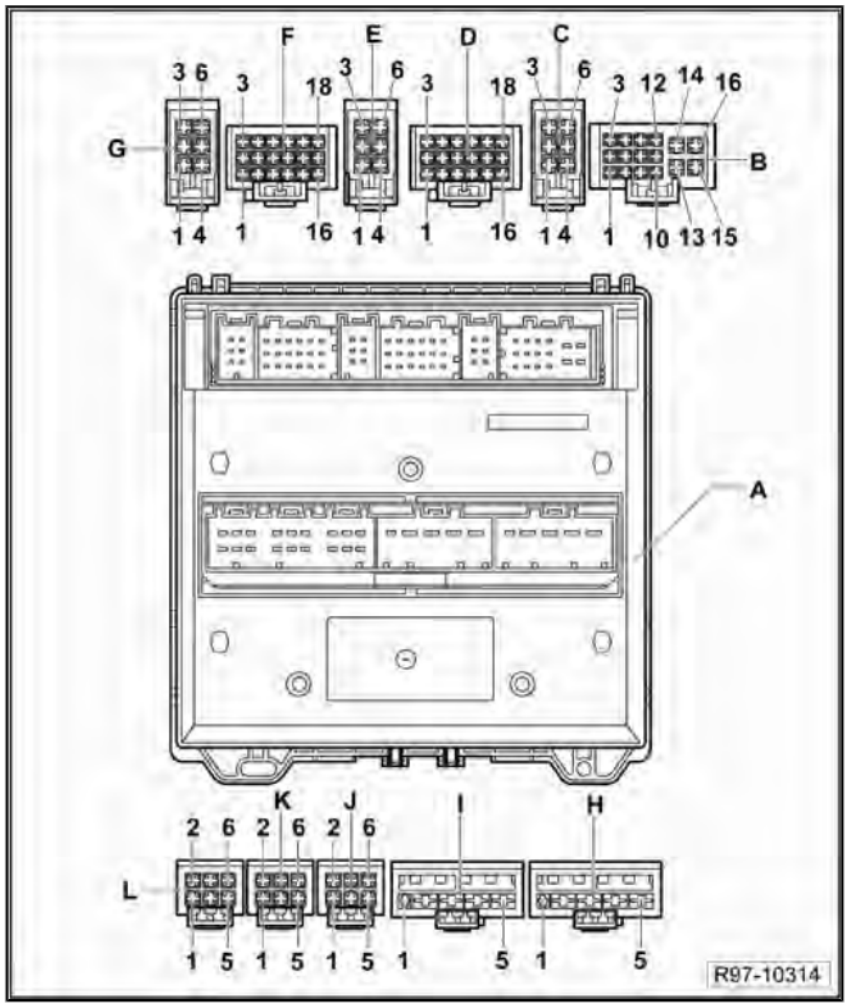
H - 5-pin connector - T5n -

I - 5-pin connector - T5p -

J - 6-pin connector - T6ad -

K - 6-pin connector - T6y -

L - 6-pin connector - T6ae -

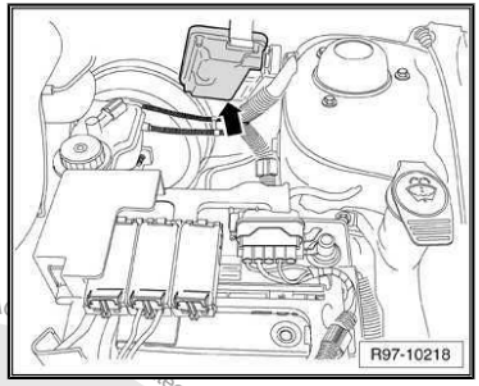


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1.14 Engine control unit (80-pin) - J623 -

1.14.1 Location:

– in engine compartment, left -arrow-

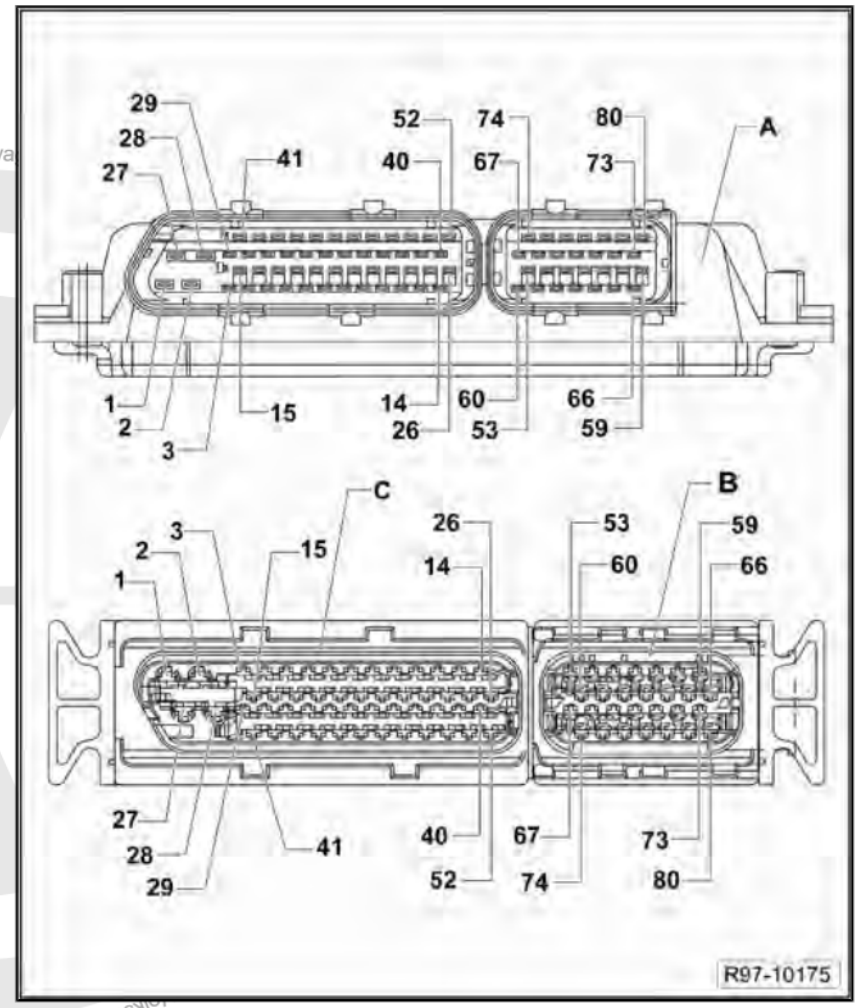


1.14.2 Designation of connector:

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A - Engine control unit (80-pin) - J623 -

B / C - 80-pin connector - T80a -

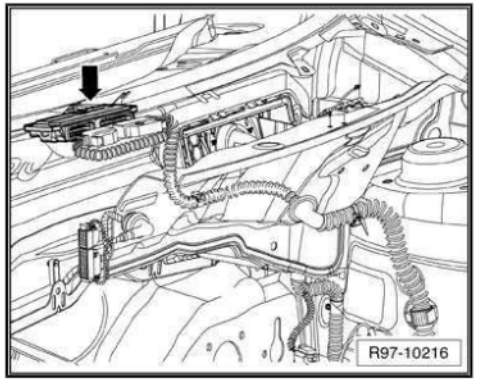


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1.15 Engine control unit (121-pin) - J623 -

1.15.1 Location:

– in left engine compartment (under radiator) -arrow-

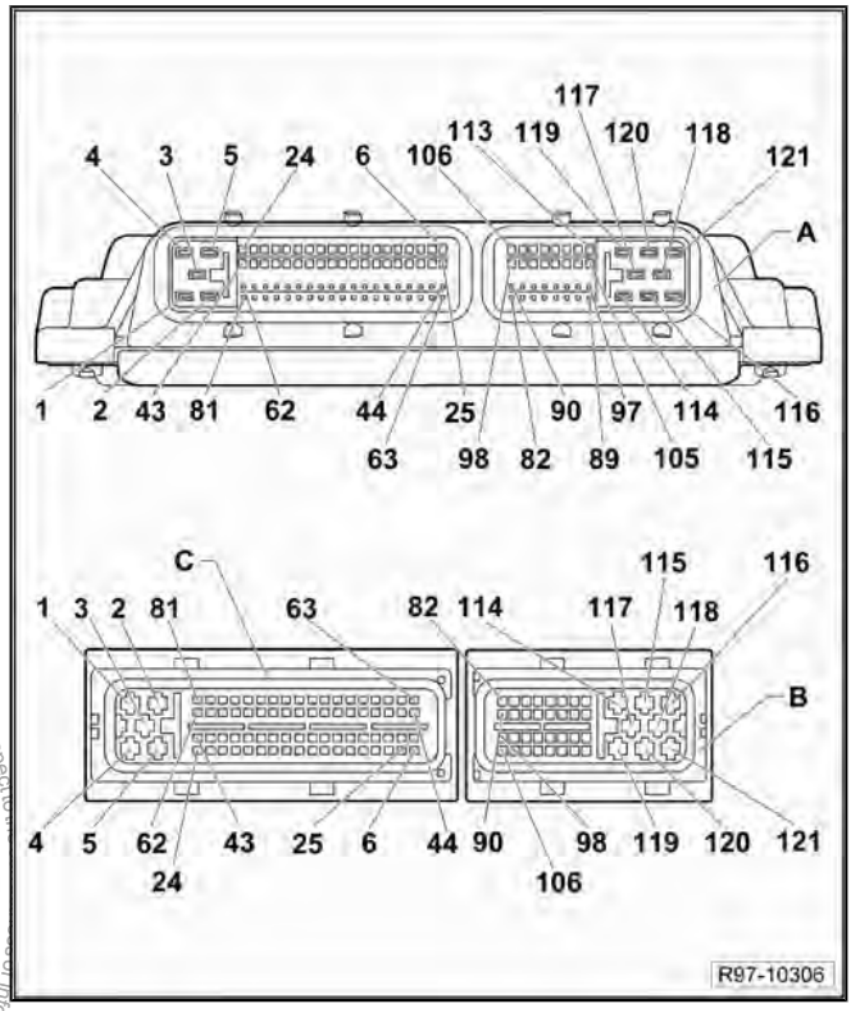


1.15.2 Designation of connector:

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A - Engine control unit (121-pin) - J623 -

B / C - 121-pin connector - T121a -



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1 Fox Europe

1.1 Engine compartment earth points

1 - Ground cable, battery-body
- ❑ Fitting Location: ⇒ page 2

2 - Ground cable, gearbox-body
- ❑ Fitting Location: ⇒ page 2

12 - Engine comp. left earth connection
- ❑ Fitting Location: ⇒ page 3

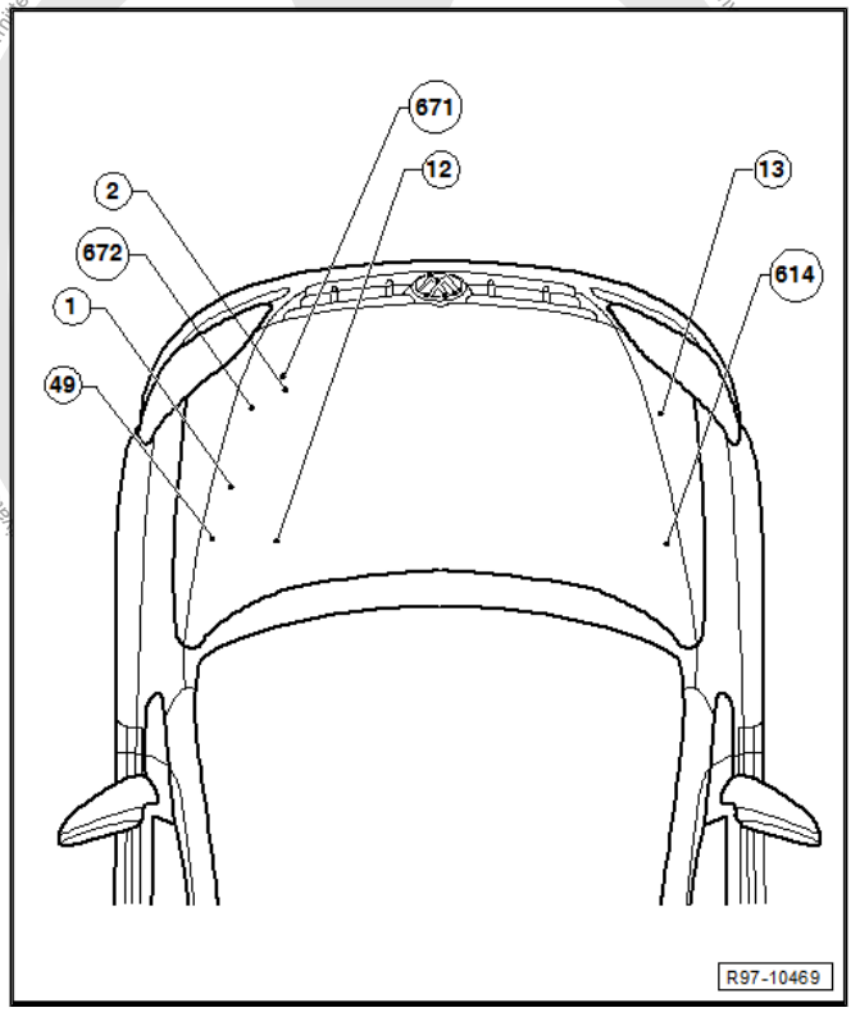
13 - Engine comp. right earth connection
- ❑ Fitting Location: . ⇒ page 3

49 - Earth connection, next to the battery
- ❑ Fitting Location: ⇒ page 2

614 - Earth point 2 in the right engine compartment
- ❑ Fitting Location: ⇒ page 3

671 - Earth point 1 on the front left longitudinal member
- ❑ Fitting Location: ⇒ page 2

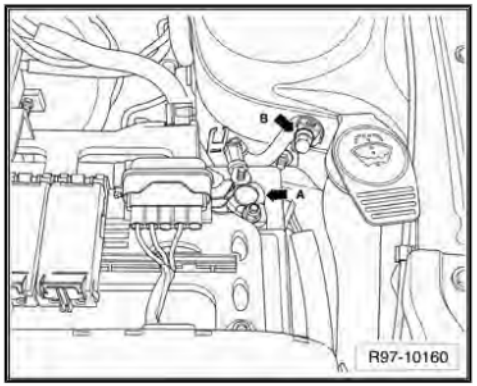
672 - Earth point 2 on the front left longitudinal member
- ❑ Fitting Location: ⇒ page 2



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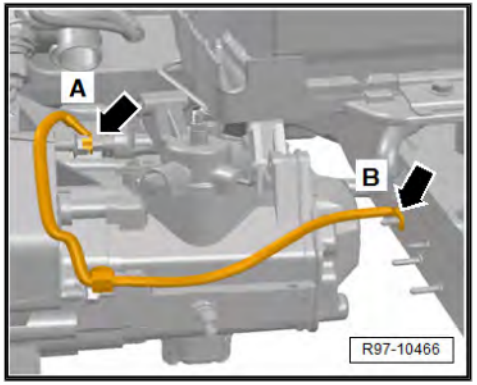
1 -
Ground cable, battery-body- Arrow A -

49 -
Earth points, next to the battery - Arrow B -

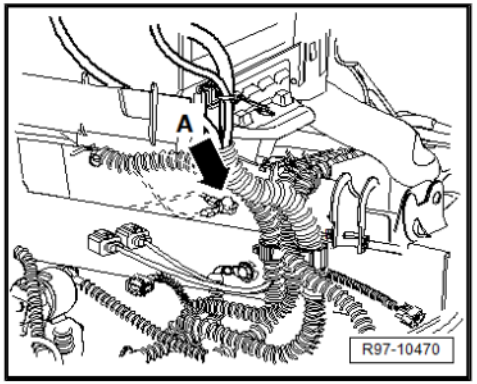


2 -
Ground cable, gearbox-body- Arrow A -

672 -
Earth point 2 on the front left side member - Arrow B -

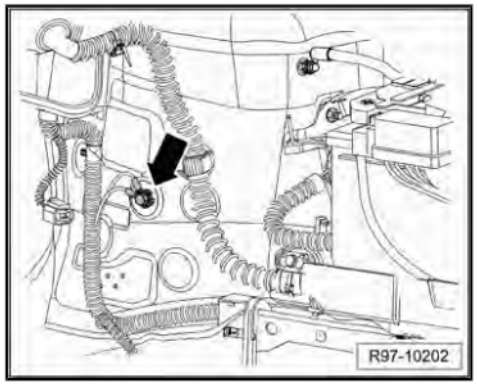


671 -
Earth point 1 on the front left side member - Arrow A -

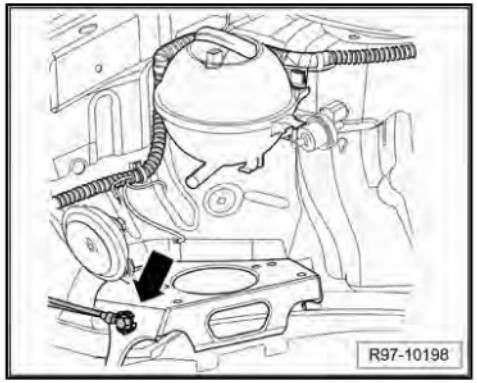


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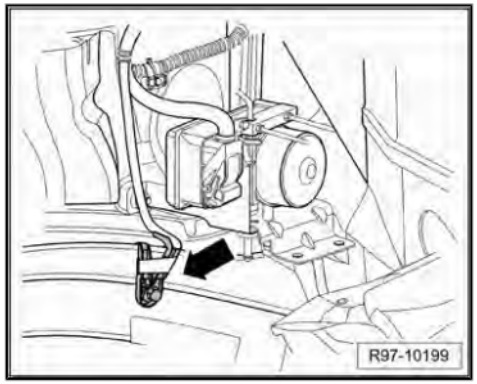
12 -
Earth points to the left of the engine comp.-Arrow-



13 -
Earth points to the right of the engine comp.- Arrow -



614 -
Earth point 2 in the right engine compartment- Arrow -



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1.2 Vehicle interior earth points

605 - Earth point on the upper steering column region

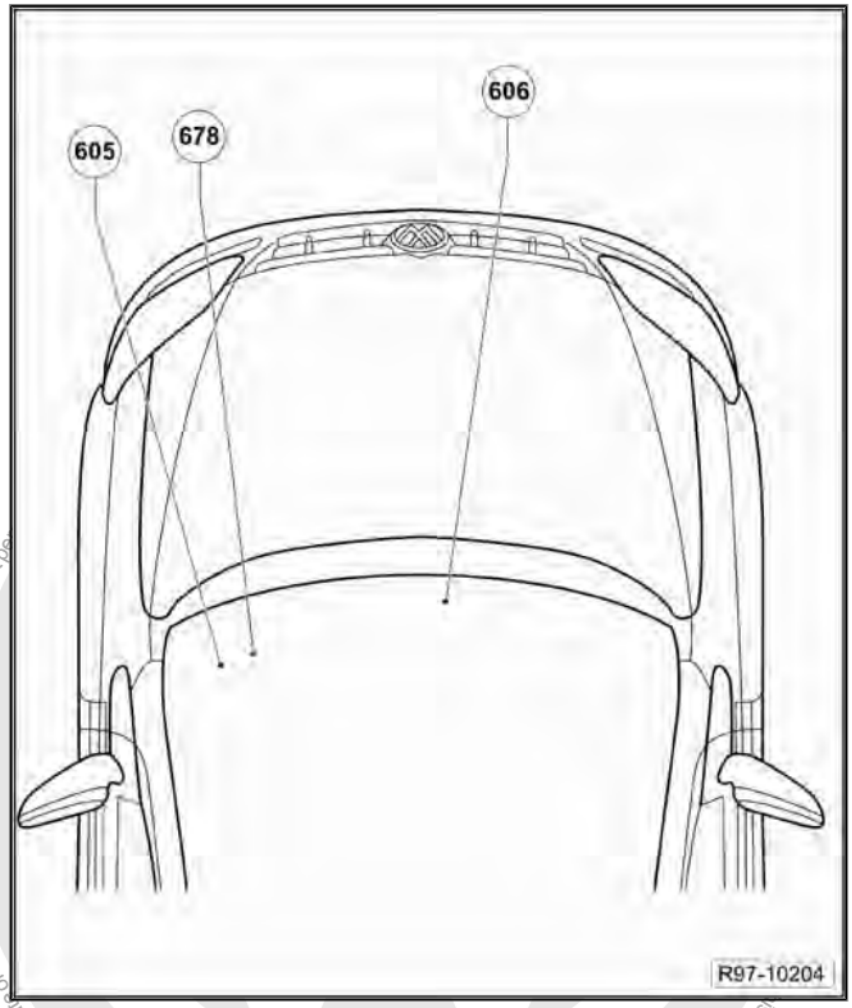
- ❑ Fitting Location: ⇒ page 5

606 - Earth point under the centre console, next to the selector lever

- ❑ Fitting Location: ⇒ page 5

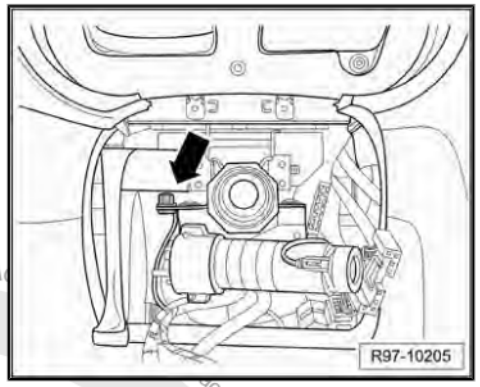
678 - Steering wheel earth point

- ❑ Fitting Location: ⇒ page 5

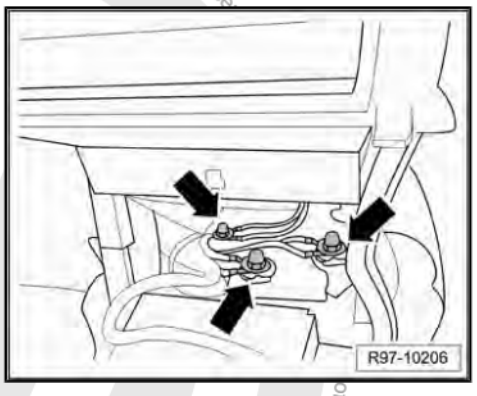


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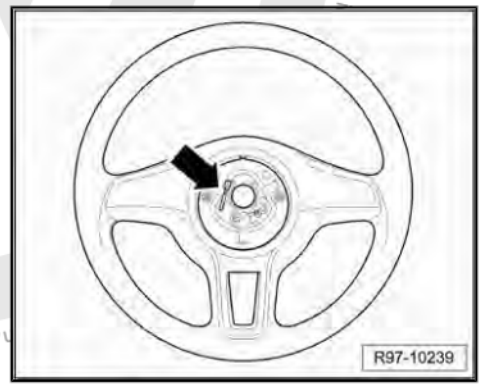
605 -
Earth point on the upper steering column region - Arrow -



606 -
Earth point under the central console, next to the selector lever- Arrows -



678 -
Steering wheel earth point- Arrow -

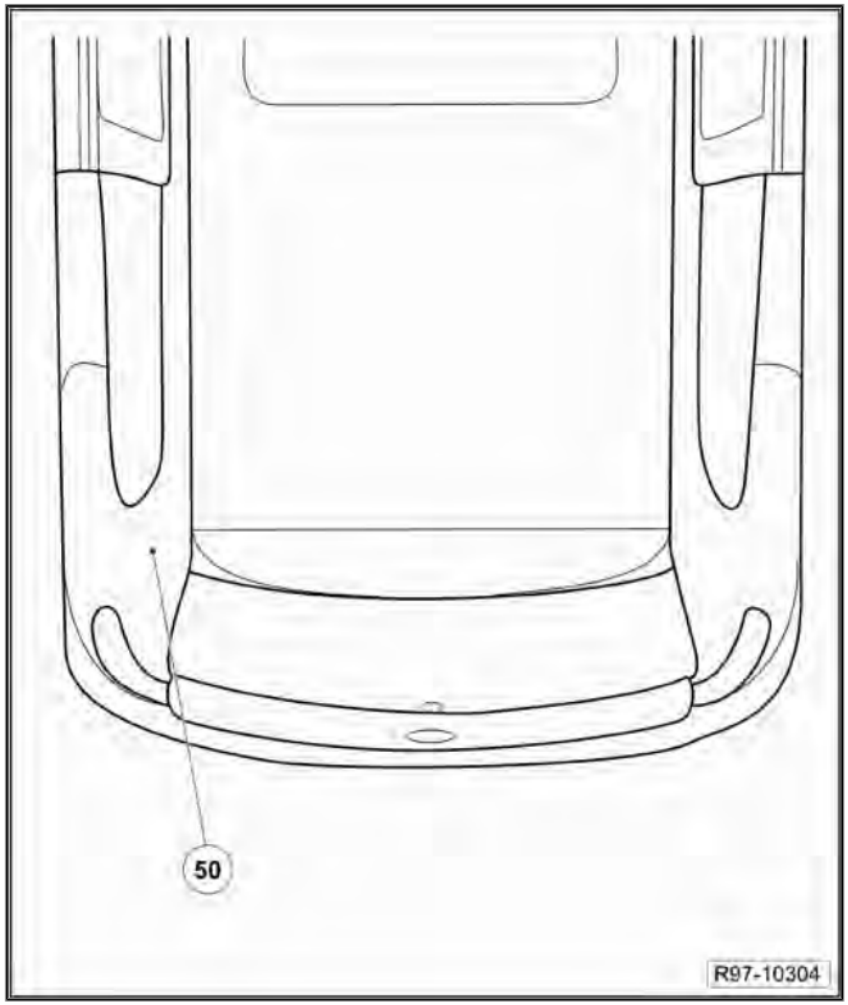


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1.3 Earth points in the rear vehicle area

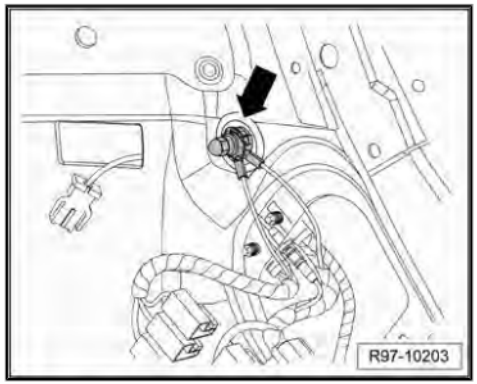
50 - Left boot earth connection

- ❑ Fitting Location: ⇒ page 7



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50 -
Left boot earth points-Arrow -



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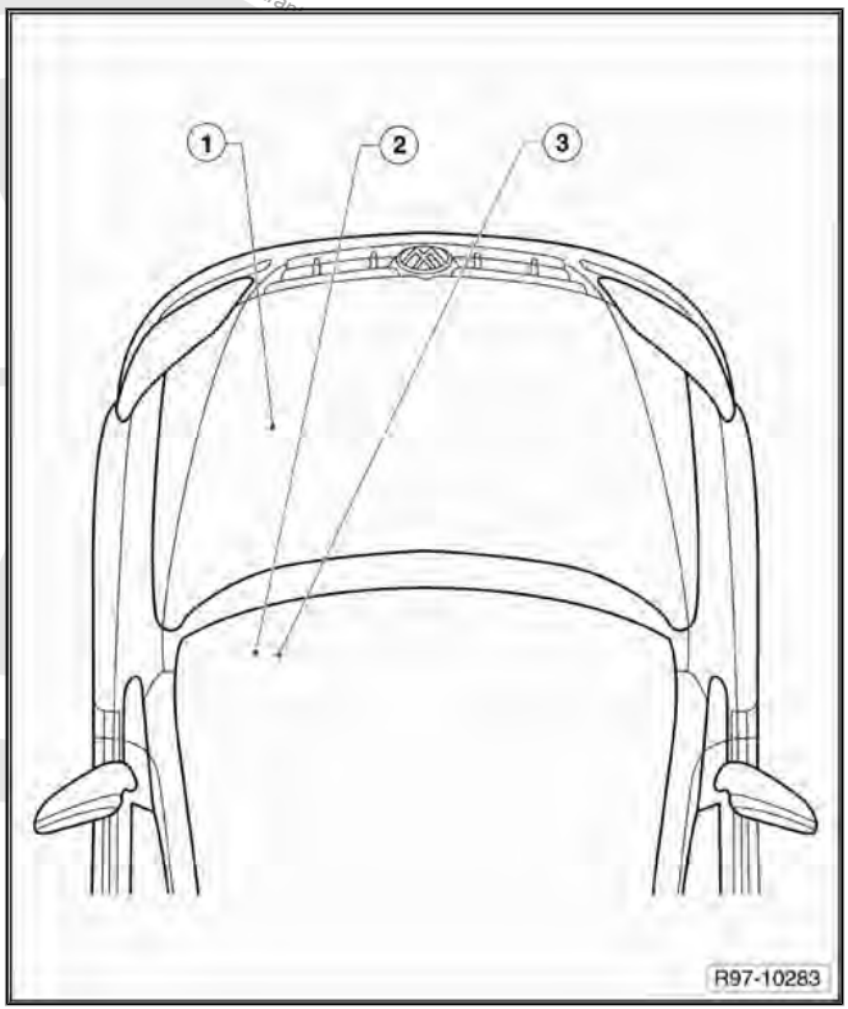
1 Fox Europe

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1 - Battery fuse holder -S-
- ❑ Fitting Location: ⇒ page 2
- ❑ Battery fuse holder -S-, as of November, 2004: ⇒ page 2

2 - Fuse holder -SB- and -SC-
- ❑ Fitting Location: ⇒ page 3
- ❑ Fuse holder -SC-, as of November, 2004: ⇒ page 4
- ❑ Fuse holder -SB-, as of November, 2004: ⇒ page 6

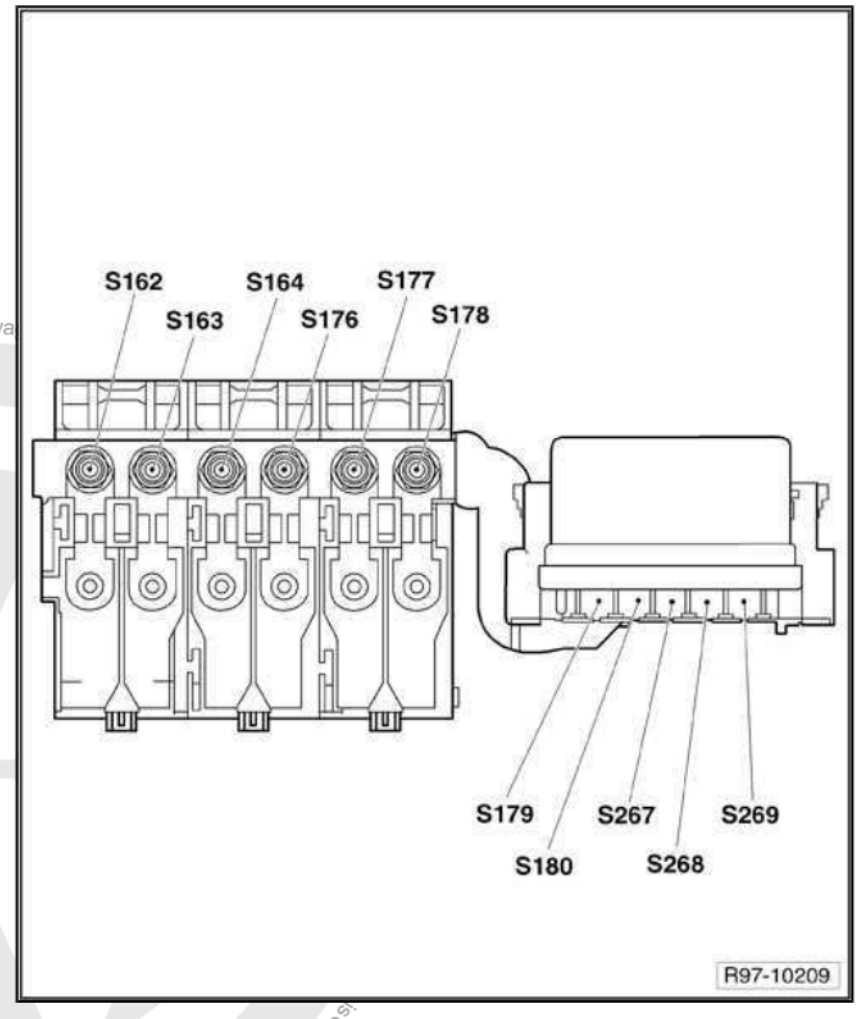
3 - Relay holder fuses
- ❑ Specific door window control fuse -S37-, as of November, 2004: ⇒ page 9
- ❑ Heating resistance fuses, as of November, 2004: ⇒ page 10



1.1 Battery fuse holder -S-

1.1.1 Fuse cable colours:

- 175 A - black
- 110 A - black
- 50 A - red / black or red / green
- 40 A - red / black
- 30 A - red or red / purple
- 25 A - red / green
- 15 A - red / yellow
- 5 A - red / black or red / purple



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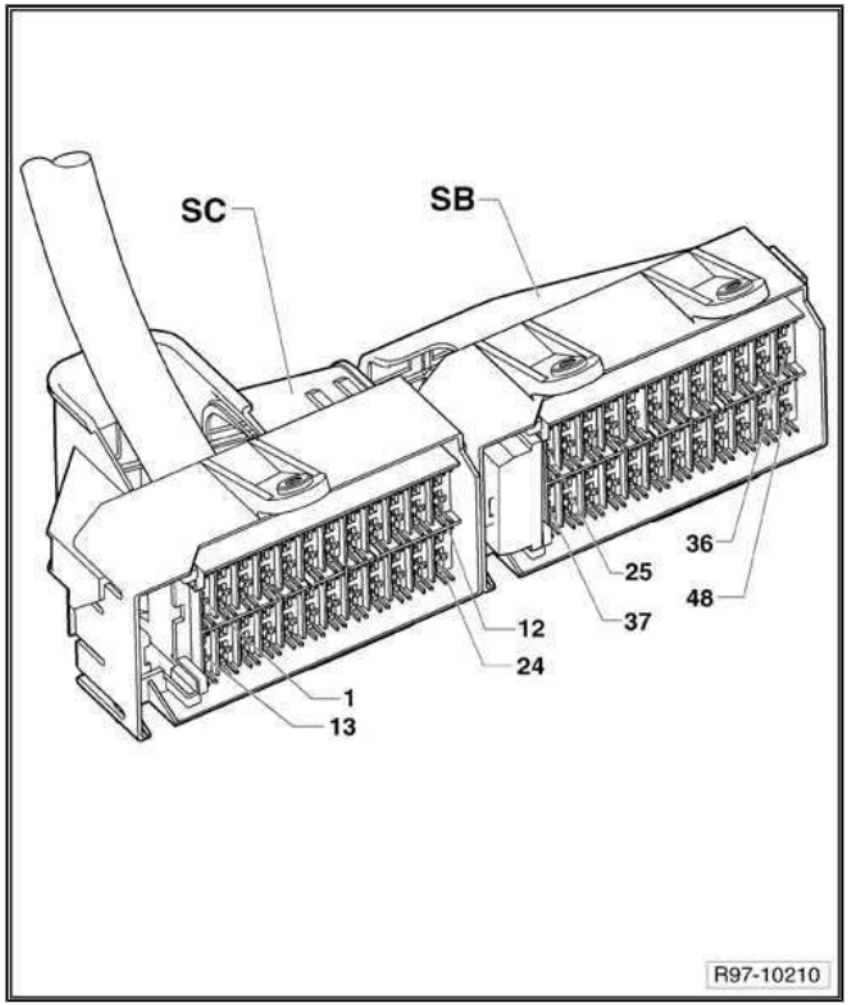
3	Fuse 3 (30), in battery fuse holder -S164-	40 A	Radiator fan control unit -J293-	30a
4	Fuse 4 (30), in battery fuse holder -S176-	50 A	ABS control unit -J104-	30a
5	Fuse 5 (30), in battery fuse holder -S177-	40 A	Steering hydraulics pump -V119- ABS control unit -J104- Radiator fan control unit -J293- Power steering control unit -J500-	30a
		50 A	Steering hydraulics pump -V119- (Until December, 2006) Power steering control unit -J500- (Until December, 2006)	
6	Fuse 6 (30), in battery fuse holder -S178-	50A	Glow plug relay -J52- (Only for vehicles with 1.4l Diesel engine)	-
7	Fuse 7 (30), in battery fuse holder -S179-	25 A	ABS control unit -J104-	30a
8	Fuse 8 (30), in battery fuse holder -S180-	30 A	Radiator fan thermal switch -F18- (Only for vehicles with 1.2l and 1.4l Diesel engines) Radiator fan 2nd speed relay -J101- (Only for vehicles with 1.4l engine) Fresh air blower and radiator fan relay -J209- (Only for vehicles with 1.4l engine) Radiator fan control unit -J293-	30a
9	Fuse 9 (30), in battery fuse holder -S267-	5 A	Radiator fan control unit -J293-	30a
10	Fuse 10 (30), in battery fuse holder -S268-	15 A	Onboard supply control unit -J519- (Until December, 2006) Engine control unit -J623-	30a
11	Fuse 11 (30), in battery fuse holder -S269-	5 A	Air conditioning system control unit -J301- Radiator fan control unit -J293-	30a

1.2 Fuse holder -SB- and -SC-:

1.2.1 Fuse colours:

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- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 5 A - beige



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1.2.2 Fuse holder -SC-, as of November, 2004:

SLP	Assignment No.	Current	Function / Component	Terminal
1	Fuse 1 in fuse holder C -SC1-	5 A	High pressure sensor -G65- Radiator fan control unit -J293- Air conditioning system control unit -J301-	15a
2	Fuse 2 in fuse holder C -SC2-	5 A	Convenience system central control unit -J393-	86s

			Onboard supply control unit -J519-	
3	Fuse 3 in fuse holder C -SC3-	5 A	Speed sensor -G22- Power steering control unit -J500- Spray jet heater element for windscreen washer system -N113-	15a
4	Fuse 4 in fuse holder C -SC4-	5 A	Driver door exterior handle switch for anti-theft alarm system -F121-	30a
5	Fuse 5 in fuse holder C -SC5-	20 A	Radio -R-	30a
6	Fuse 6 in fuse holder C -SC6-	20 A	Heated rear window control relay -J48- Onboard supply control unit -J519-	30a
7	Fuse 7 in fuse holder C -SC7-	10 A	Intermittent wiper switch -E22-	XRA
8	Fuse 8 in fuse holder C -SC8-	5 A	Onboard supply control unit -J519-	30a
9	Fuse 9 in fuse holder C -SC9-	-	Empty	-
10	Fuse 10 in fuse holder C -SC10-	20 A	Sliding sunroof adjustment control unit -J245-	30a
11	Fuse 11 in fuse holder C -SC11-	10 A	Front right turn signal bulb -M7- Rear right turn signal bulb -M8- Right turn signal repeater bulb -M19- Convenience system central control unit -J393- Onboard supply control unit -J519-	RA
12	Fuse 12 in fuse holder C -SC12-	10 A	Front left turn signal bulb -M5- Rear left turn signal bulb -M6- Left turn signal repeater bulb -M18- Convenience system central control unit -J393- Onboard supply control unit -J519-	LA
13	Fuse 13 in fuse holder C -SC13-	-	Empty	-
14	Fuse 14 in fuse holder C -SC14-	5 A	Mirror adjustment switch -E43- Convenience system central control unit -J393-	15a
15	Fuse 15 in fuse holder C -SC15-	15 A	Heated driver seat regulator -E94- Heated front passenger seat regulator -E95- Heated driver seat control unit -J131-	XR
16	Fuse 16 in fuse holder C -SC16-	25 A	Convenience system central control unit -J393-	30a
17	Fuse 17 in fuse holder C -SC17-	15 A	Front and rear fog light switch -E23- Front and rear fog light switch illumination bulb -L40-	XR
18	Fuse 18 in fuse holder C -SC18-	10 A	Rear window wiper motor -V12-	XR
19	Fuse 19 in fuse holder C -SC19-	-	Empty	-
20	Fuse 20 in fuse holder C -SC20-	5 A	Heated exterior mirror on driver side -Z4- Heated exterior mirror on front passenger side -Z5-	30a

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			Onboard supply control unit -J519-	
21	Fuse 21 in fuse holder C -SC21-	-	Empty	-
22	Fuse 22 in fuse holder C -SC22-	-	Empty	-
23	Fuse 23 in fuse holder C -SC23-	5 A	Steering angle sender -G85- Button for TCS and electronic stabilisation program -E256- Switches and instruments regulator illumination bulb -L155- ABS control unit -J104-	15a
24	Fuse 24 in fuse holder C -SC24-	10 A	Steering angle sender -G85- ABS control unit -J104-	30a

1.2.3 Fuse holder -SB-, as of November, 2004:

SLP	Assignment No.	Current	Function / Component	Terminal
25	Fuse 25 in fuse holder B -SB25-	10 A	Front left turn signal bulb -M5- Rear left turn signal bulb -M6- Front right turn signal bulb -M7- Rear right turn signal bulb -M8- Onboard supply control unit -J519-	30a
26	Fuse 26 in fuse holder B -SB26-	10 A	Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition transformer -N152- (Only for vehicles with 1.4l engine) Engine control unit -J623-	87a
27	Fuse 27 in fuse holder B -SB27-	15 A	Air conditioning system control unit -J301- Fitting connector, 16-pole, in diagnosis -T16a-	30a
28	Fuse 28 in fuse holder B -SB28-	5 A	Dash panel insert -K- Convenience system central control unit -J393-	30a
29	Fuse 29 in fuse holder B -SB29-	20 A	Automatic intermittent wash and wipe relay -J31- Onboard supply control unit -J519-	53a
30	Fuse 30 in fuse holder B -SB30-	5 A	Heater element for crankcase breather -N79- (Only for vehicles with 1.4l Petrol engine) Air mass meter -G70- (Only for vehicles with 1.4l Diesel engine) Current supply relay -J16- (Only for vehicles with 1.2l engine) Engine control unit -J623-	15a
31	Fuse 31 in fuse holder B -SB31-	5 A	Rear right lamp -M2- (Until December, 2006)	58r

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			Right side light bulb -M3- Right brake and tail light bulb -M22- Dash panel insert -K-	
32	Fuse 32 in fuse holder B -SB32-	5 A	Number plate light -X-	58
33	Fuse 33 in fuse holder B -SB33-	15 A	Fuel gauge sender -G- Fuel system pressurisation pump -G6-	87a
34	Fuse 34 in fuse holder B -SB34-	10 A	Hall Sender -G40- (Only for vehicles with 1.2l and 1.4l Petrol engines) Intake manifold flap motor -V157- (Only for vehicles with 1.4l Diesel engine) Exhaust gas recirculation valve -N18- (Only for vehicles with 1.4l Diesel engine) Charge pressure control solenoid valve -N75- (Only for vehicles with 1.4l Diesel engine) Activated charcoal filter solenoid valve 1 -N80- (Only for vehicles with 1.2l and 1.4l Petrol engines)	87a
35	Fuse 35 in fuse holder B -SB35-	10 A	Front and rear fog light switch -E23- Front and rear fog light switch illumination bulb -L40- Left headlight twin filament bulb -L1- Dash panel insert -K- Left headlight main beam bulb -M30- (Until November, 2006)	56al
36	Fuse 36 in fuse holder B -SB36-	10 A	Front and rear fog light switch -E23- Front and rear fog light switch illumination bulb -L40- Left headlight twin filament bulb -L1- Headlight range control regulator -E102- Left headlight range control motor -V48- Left headlight dipped beam bulb -M29- (Until November, 2006)	56bl
37	Fuse 37 in fuse holder B -SB37-	10 A	Reversing light switch -F4- Left reversing light bulb -M16- Right reversing light bulb -M17- Onboard supply control unit -J519-	15a
38	Fuse 38 in fuse holder B -SB38-	5 A	Clutch pedal switch -F36- Brake pedal switch -F47- Fuel pump relay -J17- Dash panel insert -K-	15a
39	Fuse 39 in fuse holder B -SB39-	10 A	Luggage compartment light -W3- Onboard supply control unit -J519-	30a
40	Fuse 40 in fuse holder B -SB40-	10 A	Brake light switch -F-	15a
41	Fuse 41 in fuse holder B -SB41-	10 A	Horn or dual tone horn -H1-	30a

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			Onboard supply control unit -J519-	
42	Fuse 42 in fuse holder B -SB42-	25 A	Fresh air blower switch -E9-	XR
43	Fuse 43 in fuse holder B -SB43-	5 A	Left side light bulb -M1- Left tail light bulb -M4- (Until December, 2006) Left brake and tail light bulb -M21- Dash panel insert -K-	58l
44	Fuse 44 in fuse holder B -SB44-	10 A	Injector, cylinder 1 -N30- Injector, cylinder 2 -N31- Injector, cylinder 3 -N32- Injector, cylinder 4 -N33- (Only for vehicles with 1.4l Petrol engine) Engine control unit -J623-	87a
45	Fuse 45 in fuse holder B -SB45-	10 A	Lambda Probe -G39- Lambda probe after catalytic converter -G130-	87a
		5 A	Clutch pedal switch -F36- Brake pedal switch -F47- Low heat output relay -J359- High heat output relay -J360-	
46	Fuse 46 in fuse holder B -SB46-	10 A	Right headlight twin filament bulb -L2- Right headlight main beam bulb -M32- (Until November, 2006)	56ar
47	Fuse 47 in fuse holder B -SB47-	10 A	Right headlight twin filament bulb -L2- Right headlight dipped beam bulb -M31- (Until November, 2006) Right headlight range control motor -V49-	56br
48	Fuse 48 in fuse holder B -SB48-	20 A	Cigarette lighter -U1- Cigarette lighter illumination bulb -L28-	XR

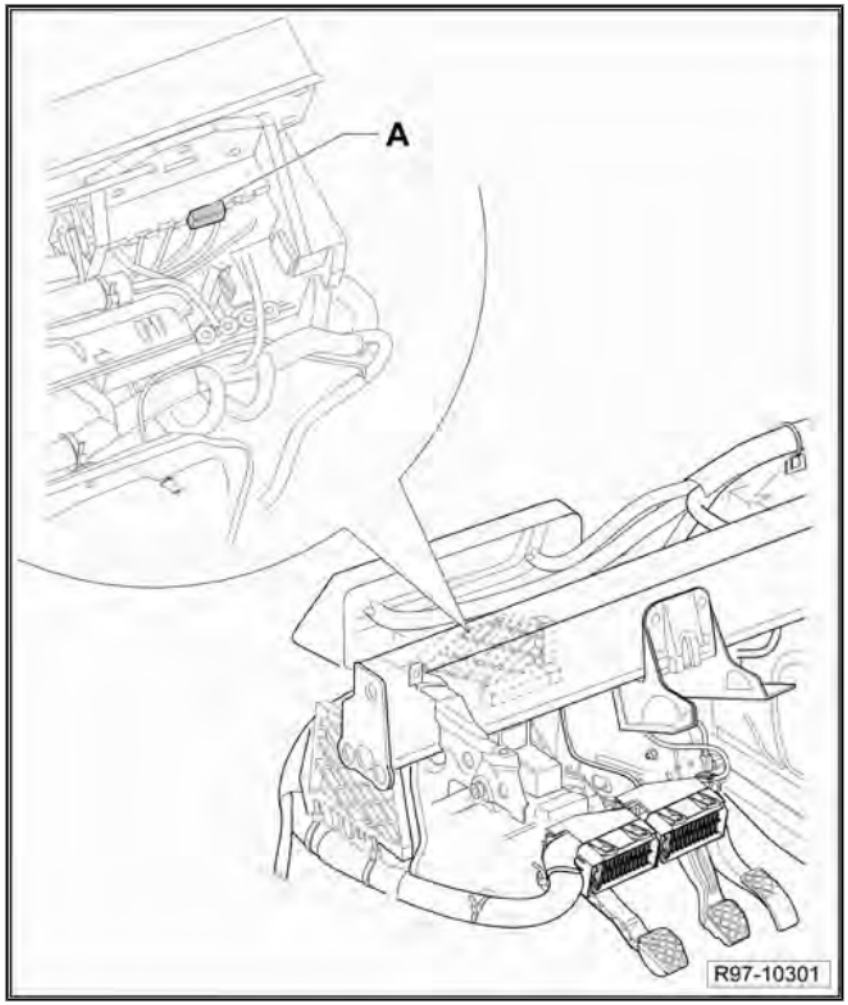
1.3 Relay holder fuses

1.3.1 Specific door window control fuse -S37-:

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A -
Specific door window control fuse -S37 - 20A-

- Colour: Yellow
- Location: Behind the relay-holder



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1.3.2 Heating resistance fuses

A -
Heating resistance Fuse 1 -S276 - 40A-

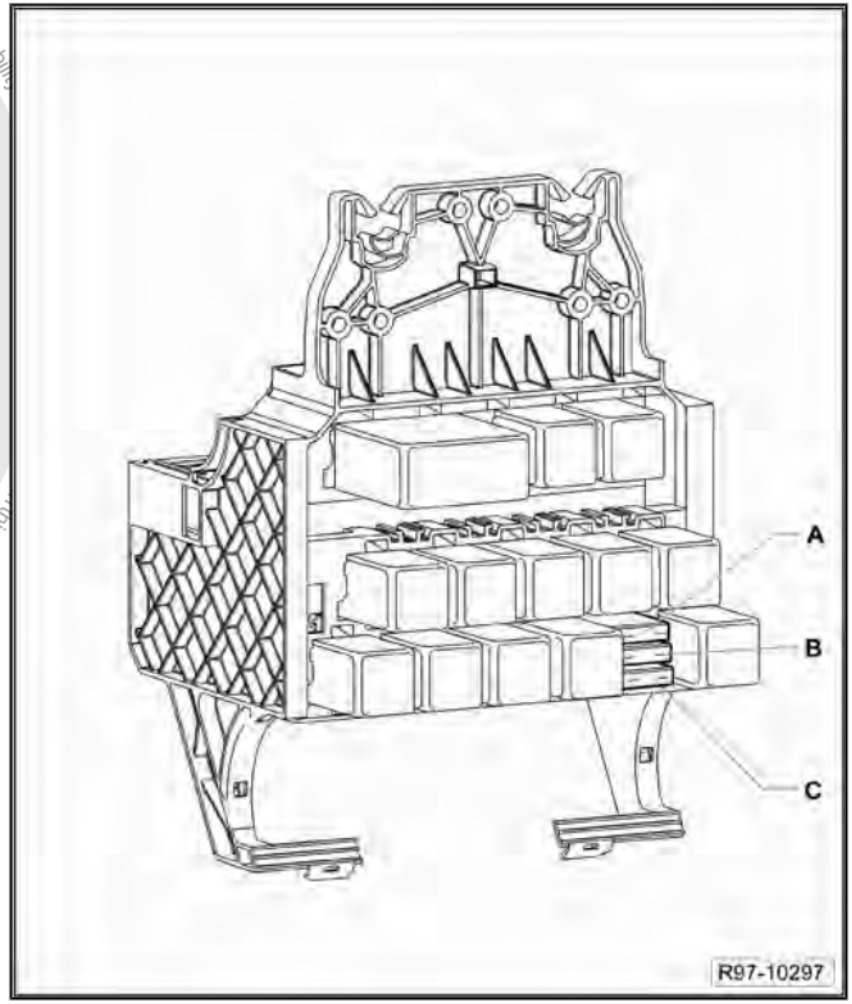
- ❑ Colour: Orange

B - Heating resistance Fuse 2 -S277 - 40A-

- ❑ Colour: Orange

C - Heating resistance Fuse 3 -S278 - 40A-

- ❑ Colour: Orange

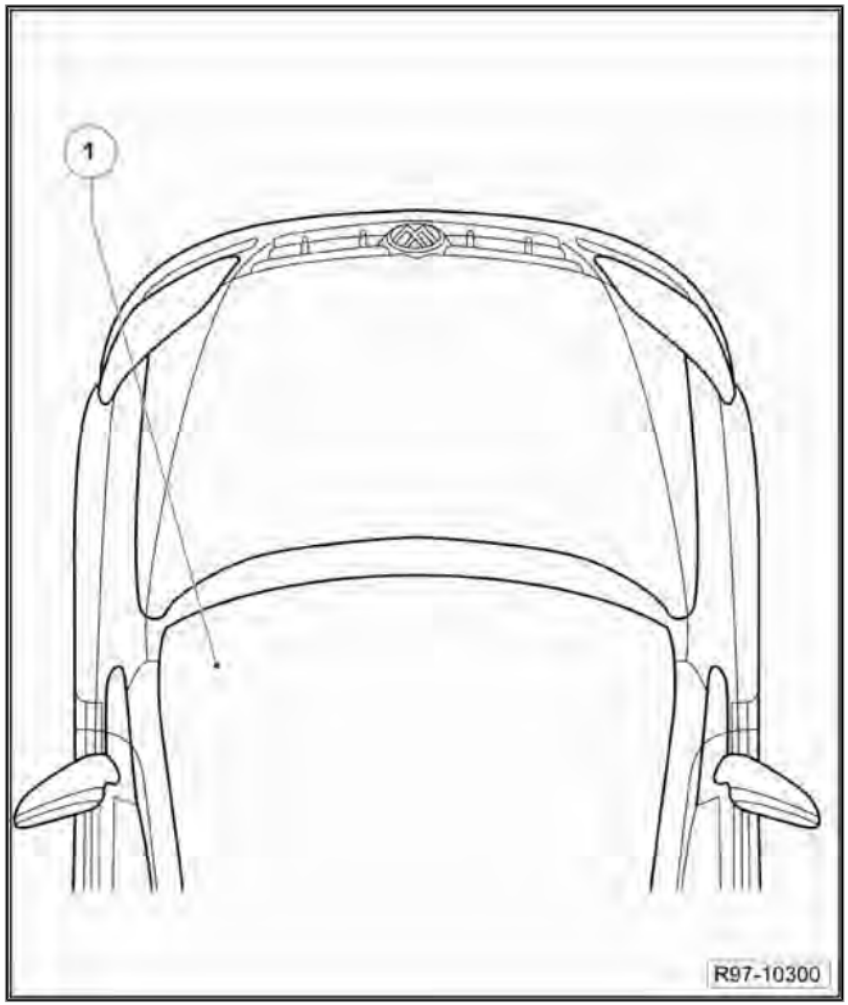


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1 Fox Europe

1 - Relay to the left, behind the dashboard:

- ❑ Relay description: ⇒ page 2



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1.1 Relay to the left, behind the dashboard

1.1.1 Relay description:

1 - Relay for daytime running lights, side and tail lights -J277-
- Colour: Black or Gray

2 - Relay for daytime running lights, side and tail lights -J277-
- Colour: Black or Gray

3 - Glow plug relay -J52-
- Colour: White

4 - Fuel pump relay -J17-
- Colour: Gray

5 - Headlight main beam relay -J12-
- Colour: Black

6 - -Vazio-
- Colour: -

7 - Automatic gearbox relay -J60-
- Colour: Gray

8 - Low heat output relay -J359-
- Colour: Gray

9 - High heat output relay -J360-
- Colour: Black

10 - Fresh air blower and radiator fan relay -J209-
- Colour: Black

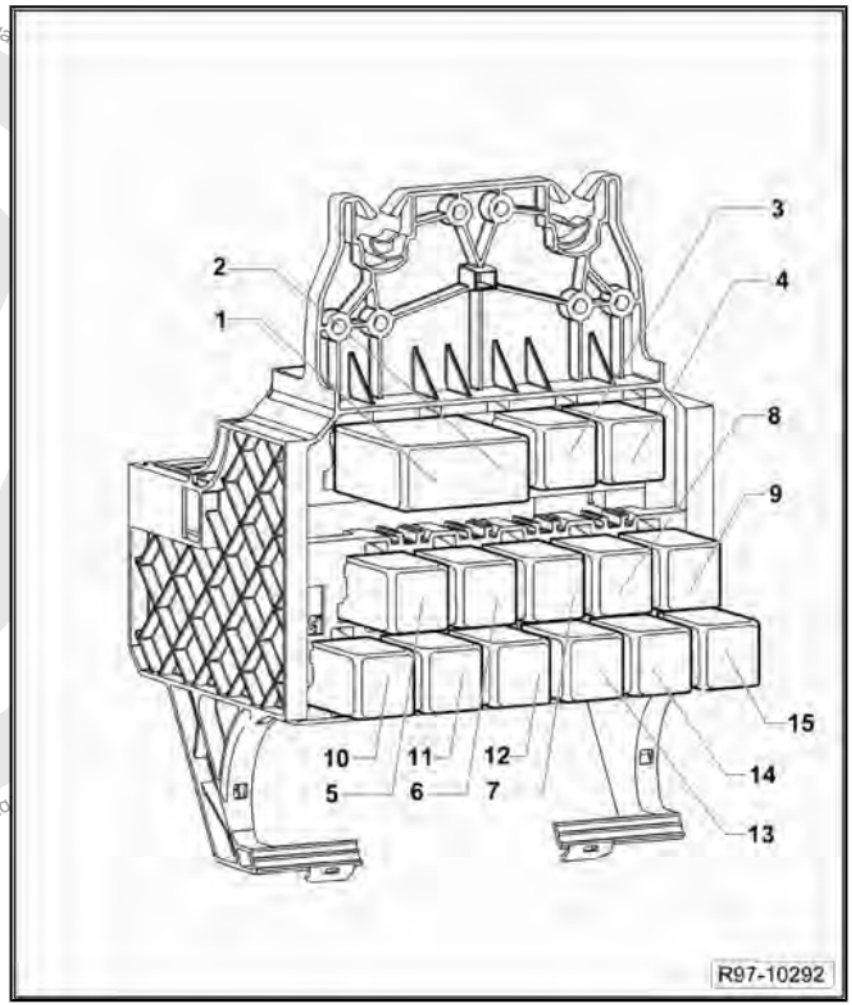
11 - X-contact relief relay -J59-
- Colour: Gray

12 - Fuel supply relay -J643-
- Colour: Gray

13 - Current supply relay -J16-
- Colour: Gray

13 - Terminal 30 voltage supply relay -J317-
- Colour: Gray

13 - 4EV injection system current supply relay -J778-
- Colour: Gray



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14 - -Adaptador dos fusíveis do aquecimento-

- Colour: Black

15 - Radiator fan 2nd speed relay -J101-

- Colour: Black

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1 Fox Europe

1 - ABS control unit - J104 - [1)]
- ❑ Fitting Location: ⇒ page 3
- ❑ Connector description: ⇒ page 3

2 - ABS control unit - J104 - [2)]
- ❑ Fitting Location: ⇒ page 5
- ❑ Connector description: ⇒ page 5

3 - Heated driver seat control unit - J131 -
- ❑ Fitting Location: ⇒ page 7
- ❑ Connector description: ⇒ page 7

4 - Heated front passenger seat control unit - J132 -
- ❑ Fitting Location: ⇒ page 9
- ❑ Connector description: ⇒ page 9

5 - Heater control unit - J162 -
- ❑ Fitting Location: ⇒ page 11
- ❑ Connector description: ⇒ page 11

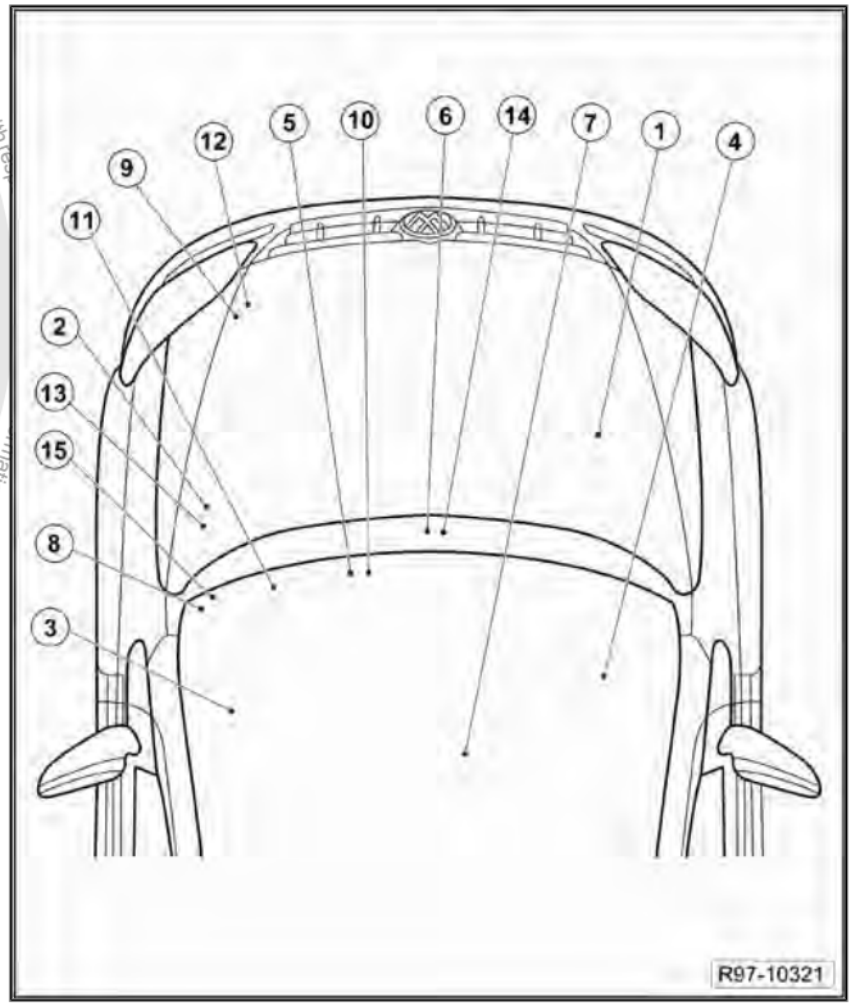
6 - Airbag control unit - J234 -
- ❑ Fitting Location: ⇒ page 13
- ❑ Connector description: ⇒ page 13

7 - Sliding sunroof adjustment control unit - J245 -
- ❑ Fitting Location: ⇒ page 15
- ❑ Connector description: ⇒ page 15

8 - Control unit in dash panel insert - J285 -
- ❑ Fitting Location: ⇒ page 17
- ❑ Connector description: ⇒ page 17

9 - Radiator fan control unit - J293 -
- ❑ Fitting Location: ⇒ page 19
- ❑ Connector description: ⇒ page 20

10 - Air conditioning system control unit - J301 -
- ❑ Fitting Location: ⇒ page 21
- ❑ Connector description: ⇒ page 21



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11 - Convenience system central control unit - J393 -
- ❑ Fitting Location: ⇒ page 23
- ❑ Connector description: ⇒ page 23

12 - Power steering control unit - J500 -
- ❑ Fitting Location: ⇒ page 25
- ❑ Connector description: ⇒ page 25

13 - Onboard supply control unit - J519 -
- ❑ Fitting Location: ⇒ page 27
- ❑ Connector description: ⇒ page 27

14 - Engine control unit - J623 - 3)
- ❑ Fitting Location: ⇒ page 29
- ❑ Connector description: ⇒ page 29

15 - Engine control unit - J623 - 4)
- ❑ Fitting Location: ⇒ page 31
- ❑ Connector description: ⇒ page 31

Note

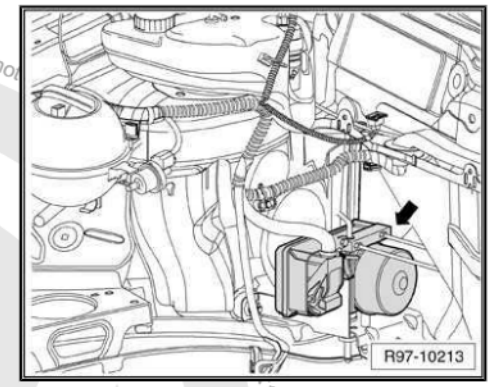
- *1) vehicles with left-hand side steering wheel*
- *2) vehicles with right-hand side steering wheel*
- *3) 80-pin unit*
- *4) 121-pin unit*

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1.1 ABS control unit (vehicles with left-hand side steering wheel) - J104 -

1.1.1 Fitting Location:

– To the right of the engine compartment -Arrow-



1.1.2 Connector description:

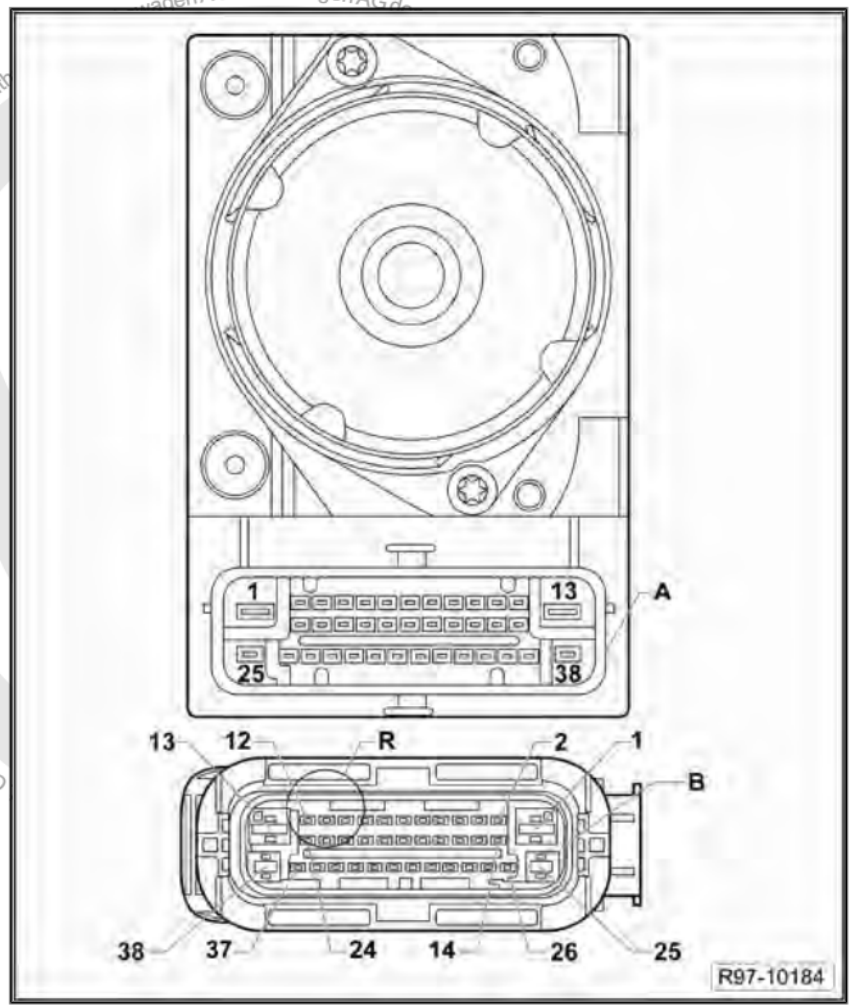
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A - ABS control unit - J104 -

B - 38-pole fitting connector - T38a -

B - 38-pole fitting connector - T38b -

- ❑ Only for vehicles with EPS, ASR and ESP

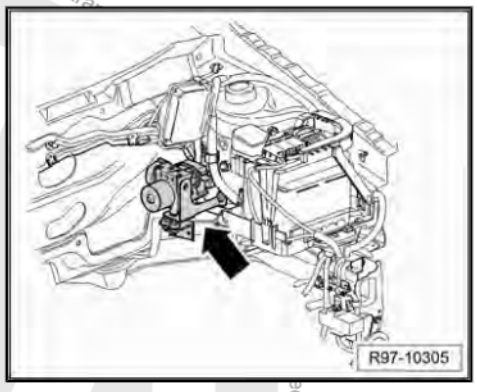


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1.2 ABS control unit (vehicles with right-hand side steering wheel) - J104 -

1.2.1 Fitting Location:

– To the left of the engine compartment - Arrow -



1.2.2 Connector description:

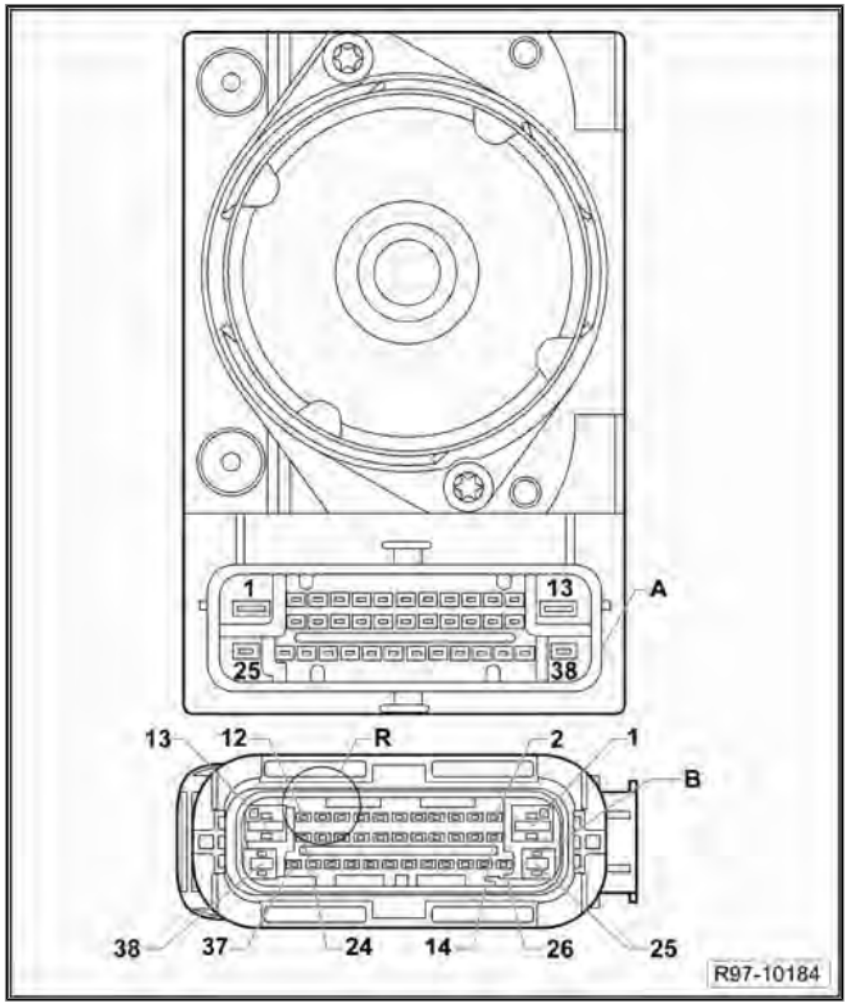
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A - ABS control unit - J104 -

B - 38-pole fitting connector - T38a -

B - 38-pole fitting connector - T38b -

- ❑ Only for vehicles with EPS, ASR and ESP

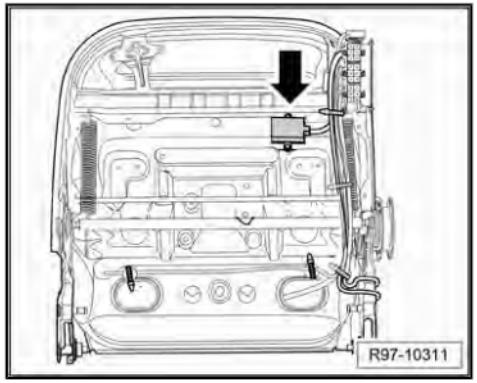


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1.3 Driver seat heating control unit - J131 -

1.3.1 Fitting Location:

– Under the driver's seat - Arrow -

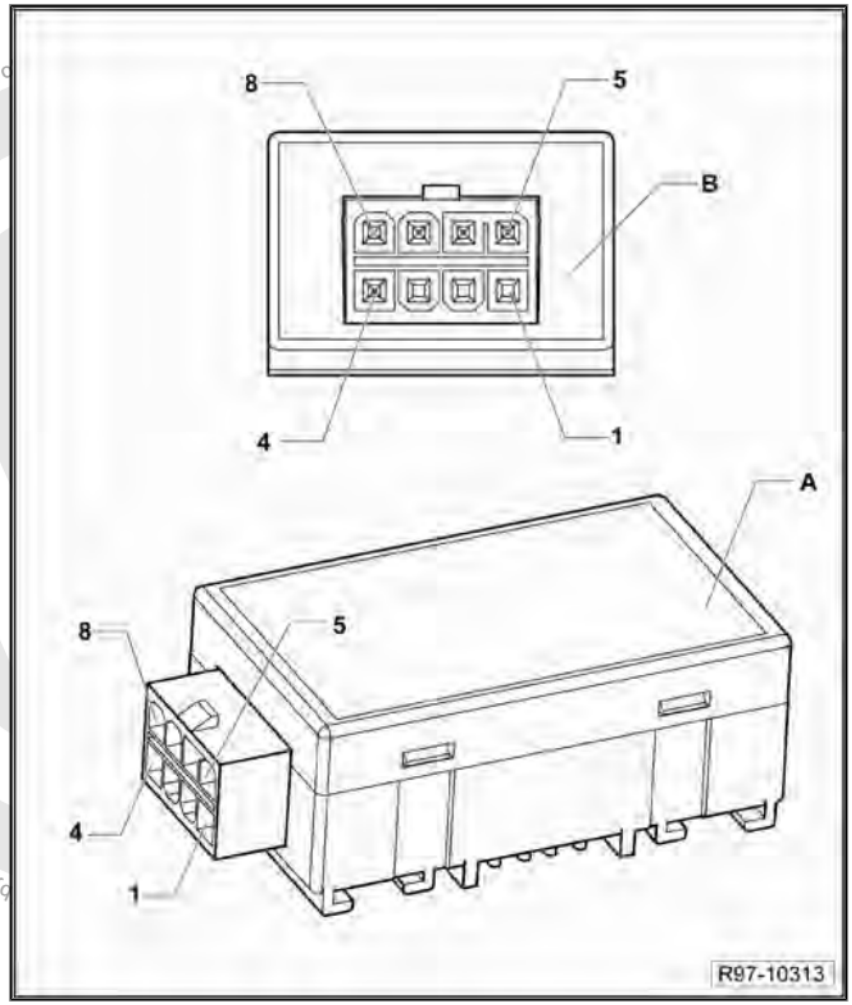


1.3.2 Connector description:

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A - Heated driver seat control unit - J131 -

B - Octuple fitting connector - T8n -

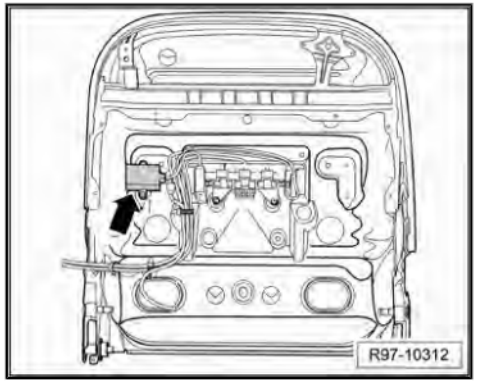


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1.4 Heated front passenger seat control unit - J132 -

1.4.1 Fitting Location:

– Under the passenger's seat - Arrow -

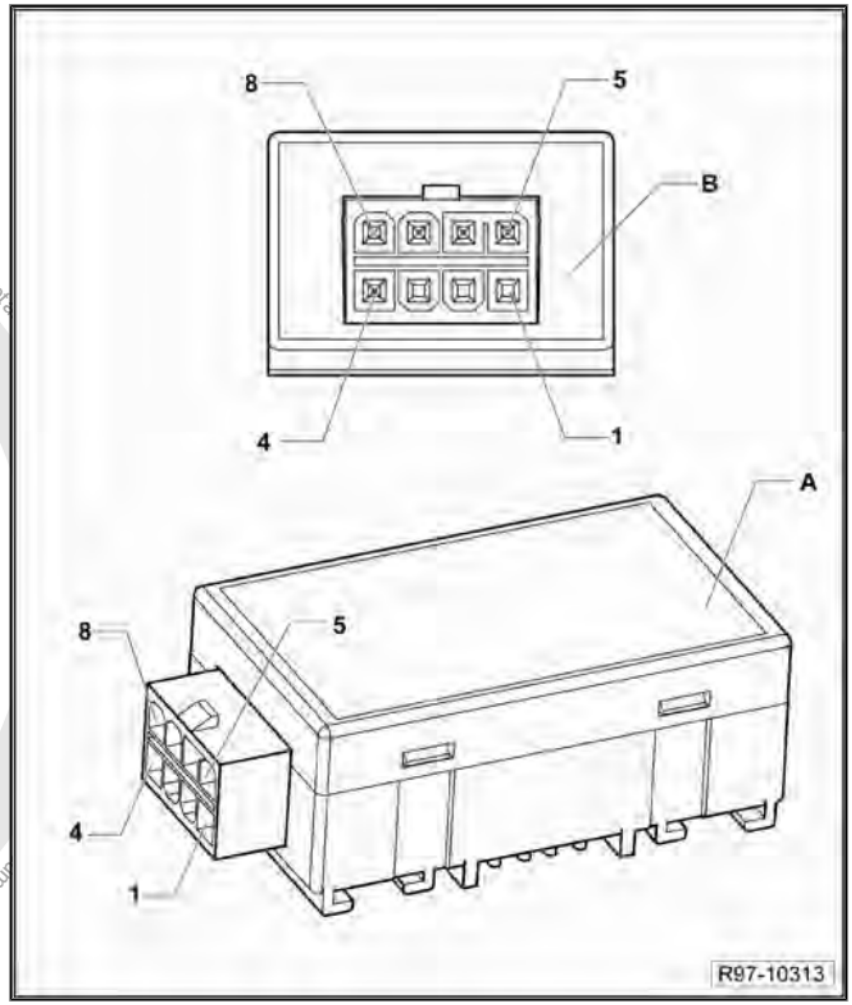


1.4.2 Connector description:

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A - Heated front passenger seat control unit - J132 -

B - Octuple fitting connector - T8m -

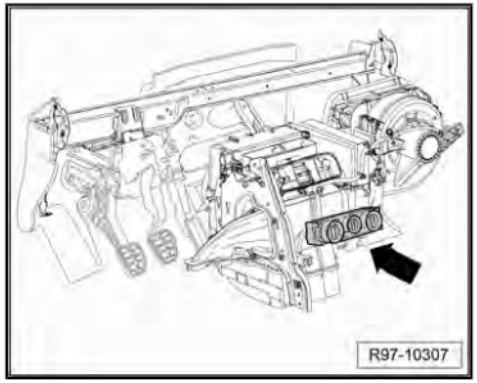


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1.5 Heater control unit - J162 -

1.5.1 Fitting Location:

– Over the front centre console - Arrow -



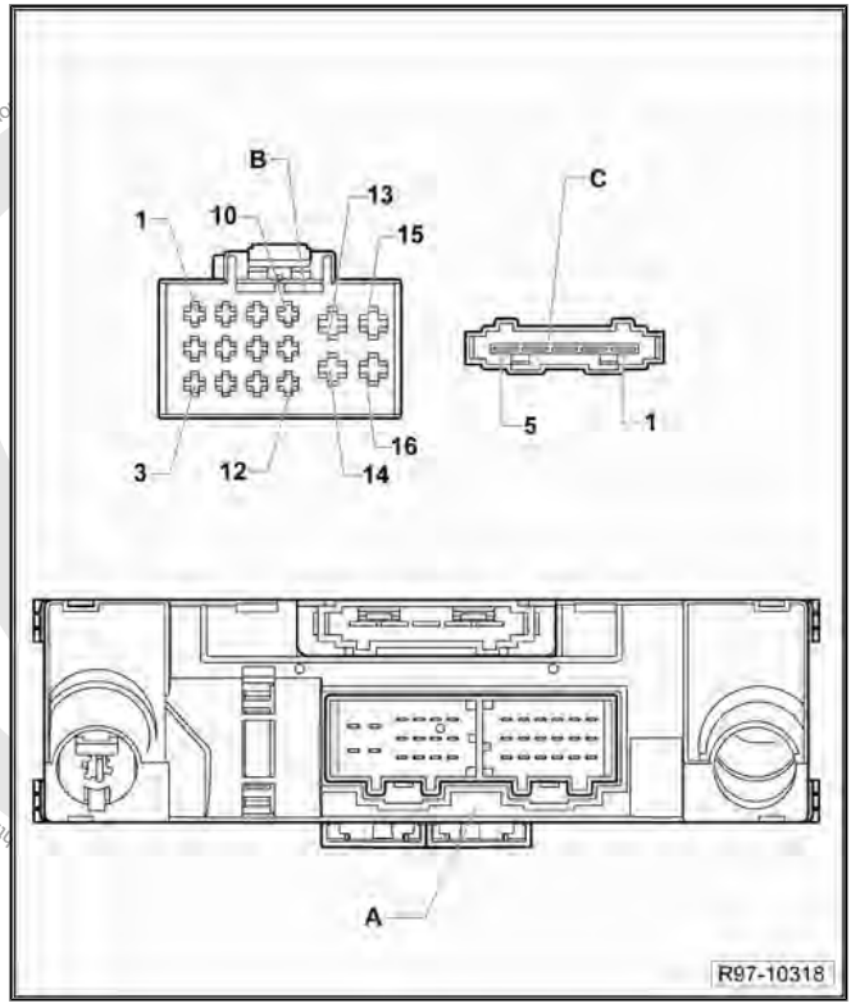
1.5.2 Connector description:

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A - Heater control unit - J162 -

B - 16-pole fitting connector - T16d -

C - Quintuple fitting connector - T5m -

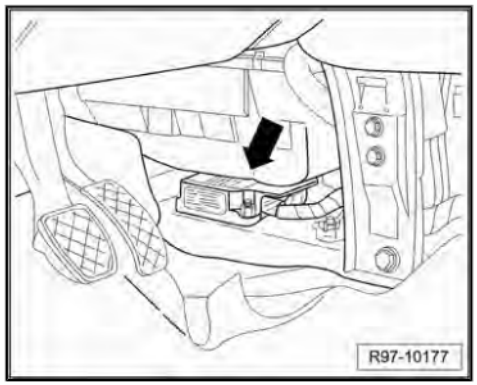


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1.6 Airbag control unit - J234 -

1.6.1 Fitting Location:

– Under the central console, next to the selector lever
- Arrow -

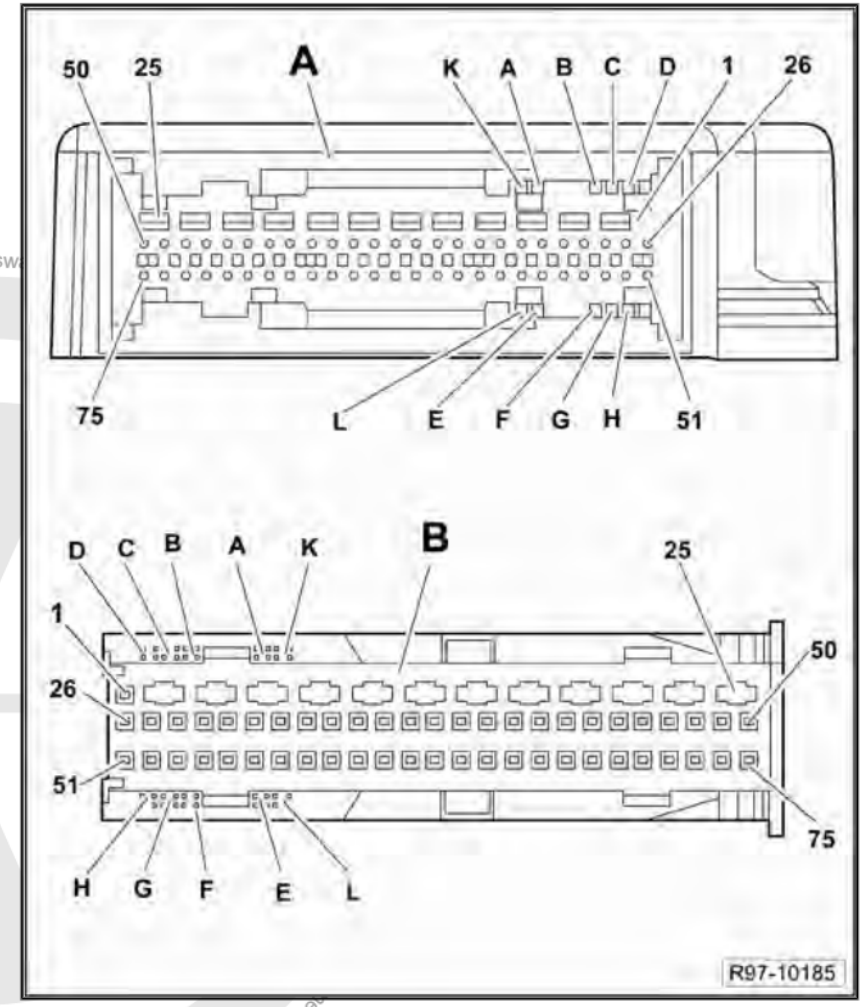


1.6.2 Connector description:

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A - Airbag control unit - J234 -

B - 75-pole fitting connector - T75a -

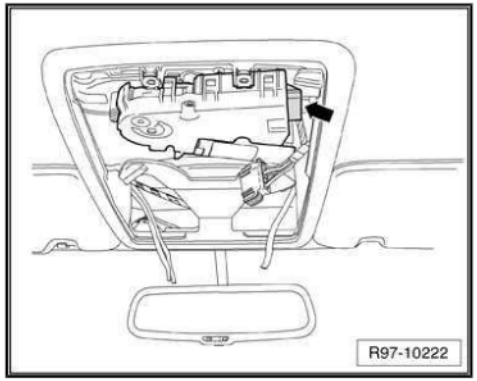


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1.7 Sliding sunroof adjustment control unit - J245 -

1.7.1 Fitting Location:

– In front of the rear-view mirror, next to the reading lights
- Arrow -

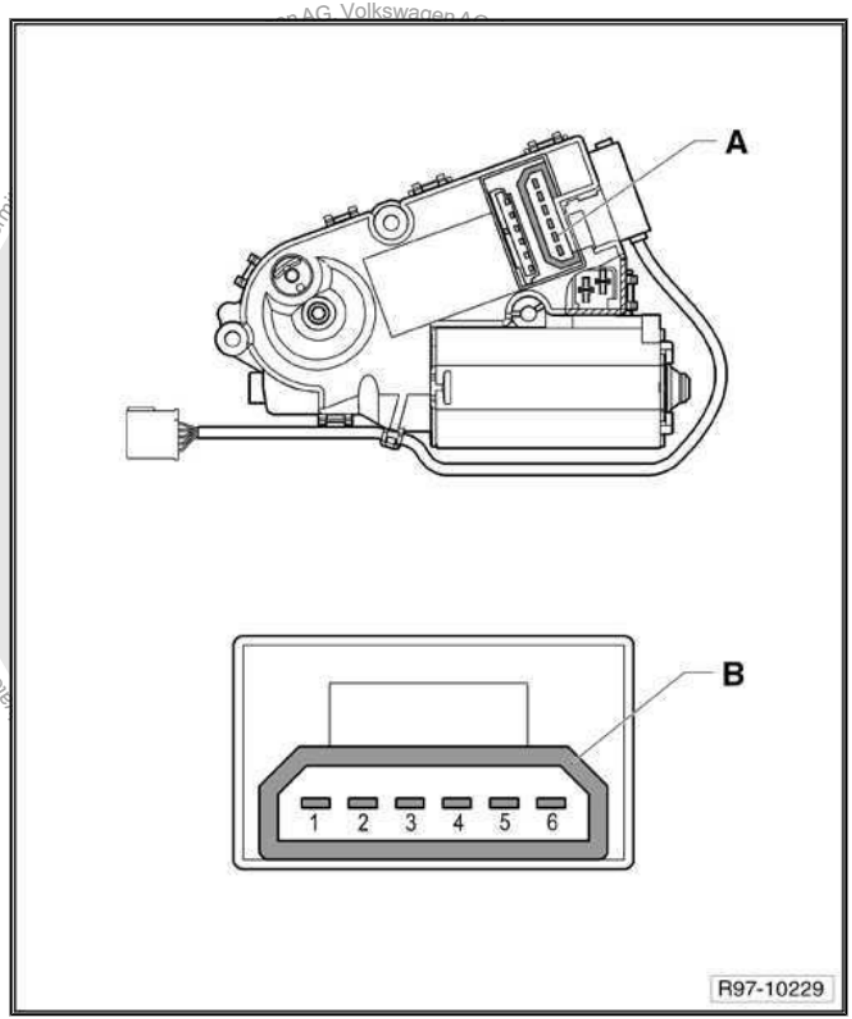


1.7.2 Connector description:

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A - Sliding sunroof adjustment control unit - J245 -

B - Sextuple fitting connector - T6x -

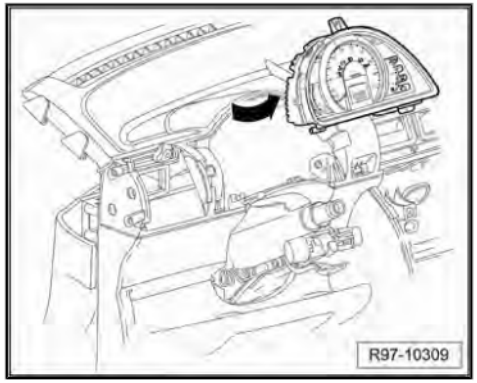


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1.8 Control unit in dash panel insert - J285 -

1.8.1 Fitting Location:

– Next to the instrument cluster steering column - Arrow -



1.8.2 Connector description:

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A - Control unit in dash panel insert - J285 -

B - 32-pole fitting connector - T32a -

1 - Immobilizer reading coil

2 - Immobilizer reading coil

3 - Terminal 15 - Ignition

4 - Terminal 30

5 - Turn signals - right

6 - Empty

7 - Empty

8 - Terminal 31

9 - Terminal 31 for sensors

10 - Rear window defogger

11 - Empty

12 - Empty

13 - Empty

14 - CAN wake up

15 - CAN Shield

16 - CAN-bus "high"

17 - Terminal 58d

18 - Fog lights

19 - Fog lights

20 - Terminal 58

21 - Handbrake control switch

22 - Brake fluid gauge sensor

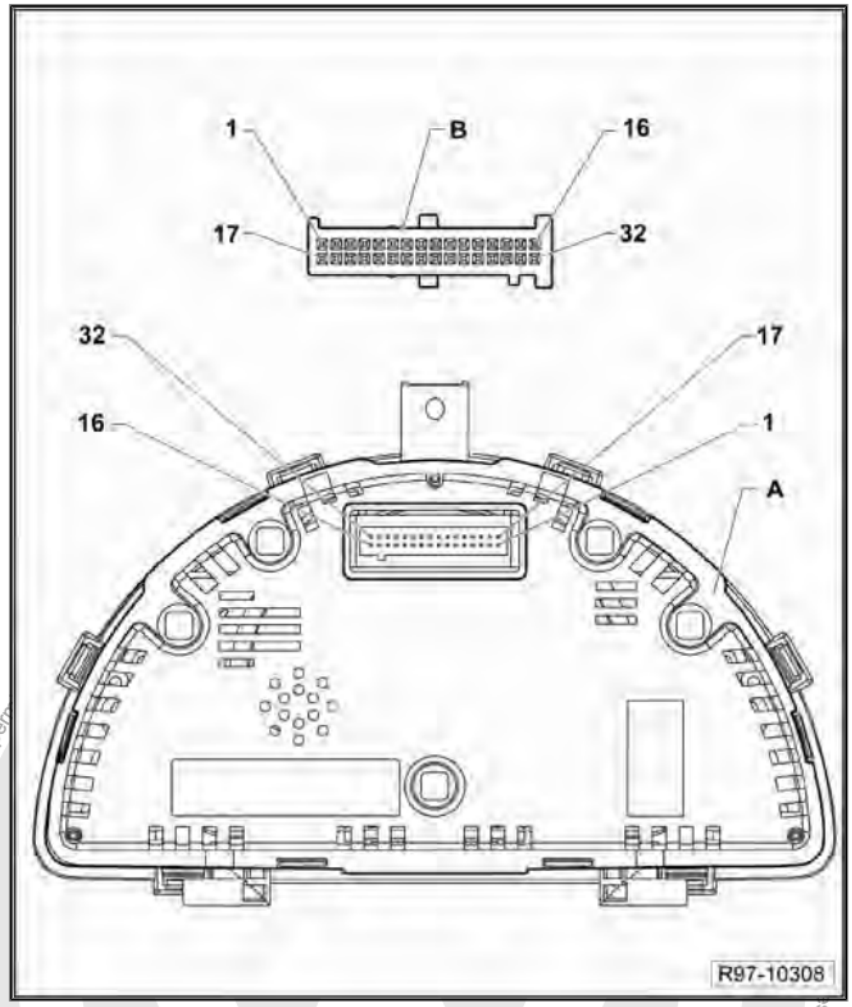
23 - Fuel gauge sensor

24 - Seat belt

25 - Terminal 56a - Headlights

26 - External temperature gauge sensor

27 - Turn signals - left



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28 - Coolant level gauge sensor

29 - Oil level gauge sensor

30 - Speed sensor

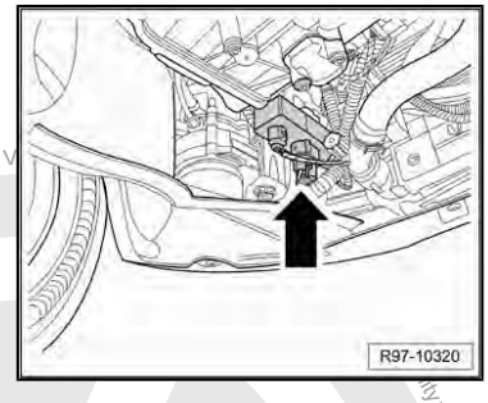
31 - Tachometer

32 - CAN-bus "Low" Terminal

1.9 Radiator fan control unit - J293 -

1.9.1 Fitting Location:

– To the left of the engine compartment- Arrow -



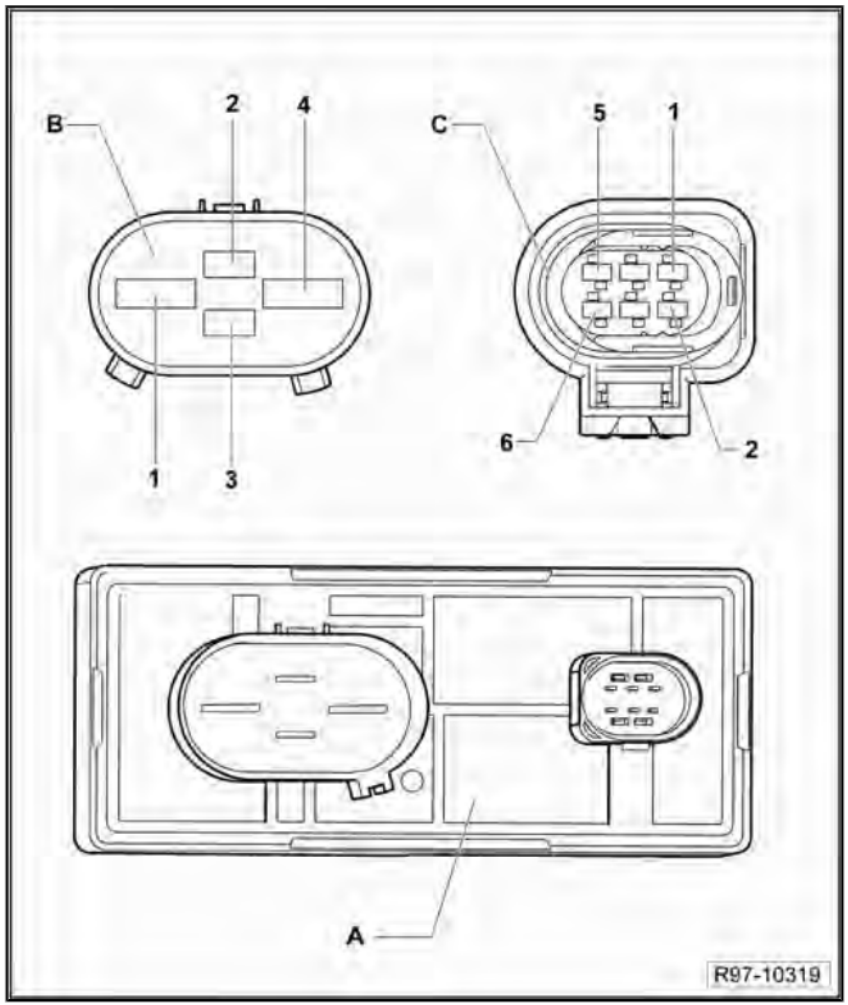
1.9.2 Connector description:

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A - Radiator fan control unit - J293 -

B - Quadruple fitting connector - T4am -

C - Sextuple fitting connector - T6al -

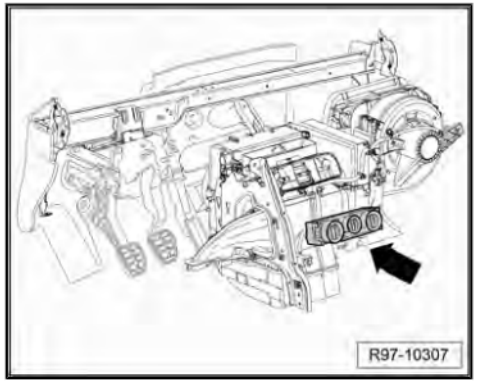


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1.10 Air conditioning system control unit - J301 -

1.10.1 Fitting Location:

– Over the front centre console - Arrow -



1.10.2 Connector description:

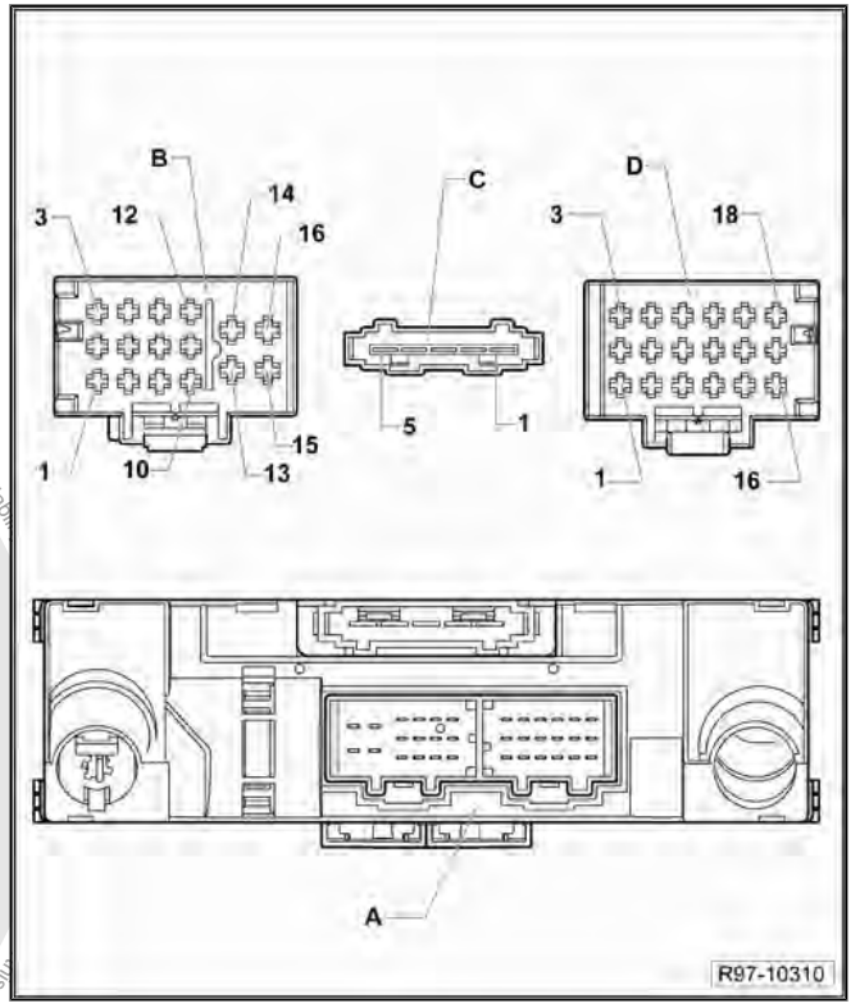
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A - Air conditioning system control unit - J301 -

B - 16-pole fitting connector - T16e -

C - Quintuple fitting connector - T5s -

D - 18-pole fitting connector - T18c -



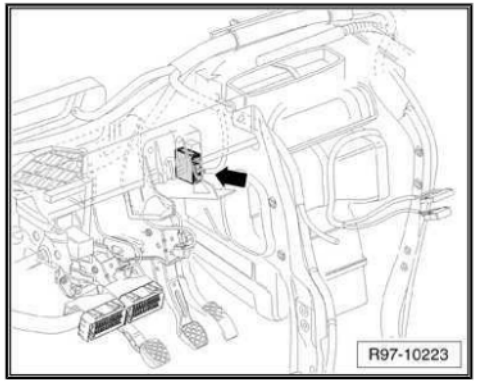
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1.11 Convenience system central control unit - J393 -

1.11.1 Fitting Location:

– Behind the dash panel, to the left of the steering column
- Arrow -



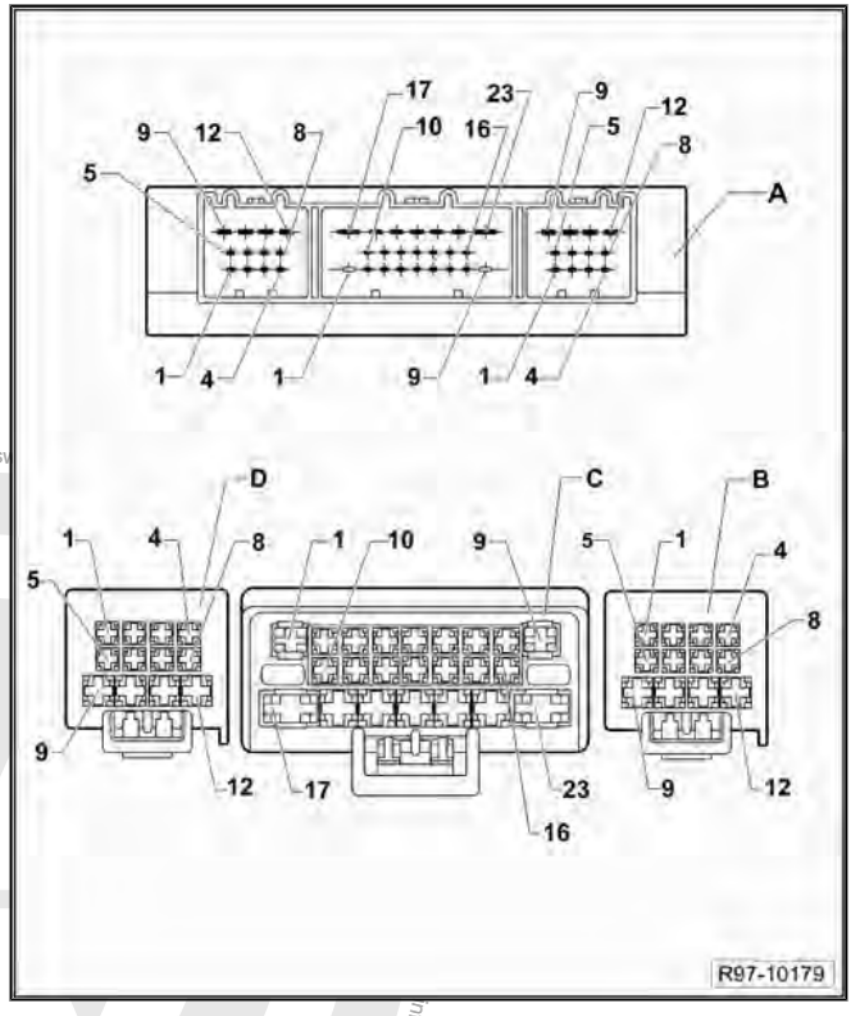
1.11.2 Connector description:

A - Convenience system central control unit - J393 -

B - 12-pole fitting connector -T12b -

C - 23-pole fitting connector -T23a -

D - 12-pole fitting connector -T12c -

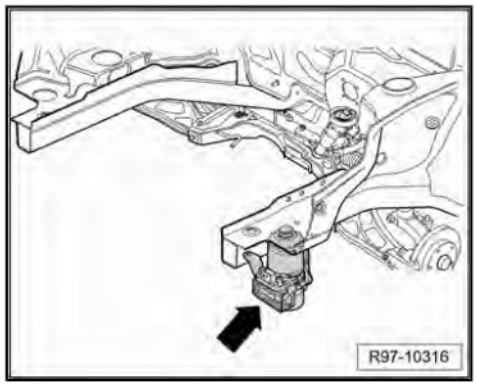


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1.12 Power steering control unit - J500 -

1.12.1 Fitting Location:

– To the left of the engine compartment - Arrow -



1.12.2 Connector description:

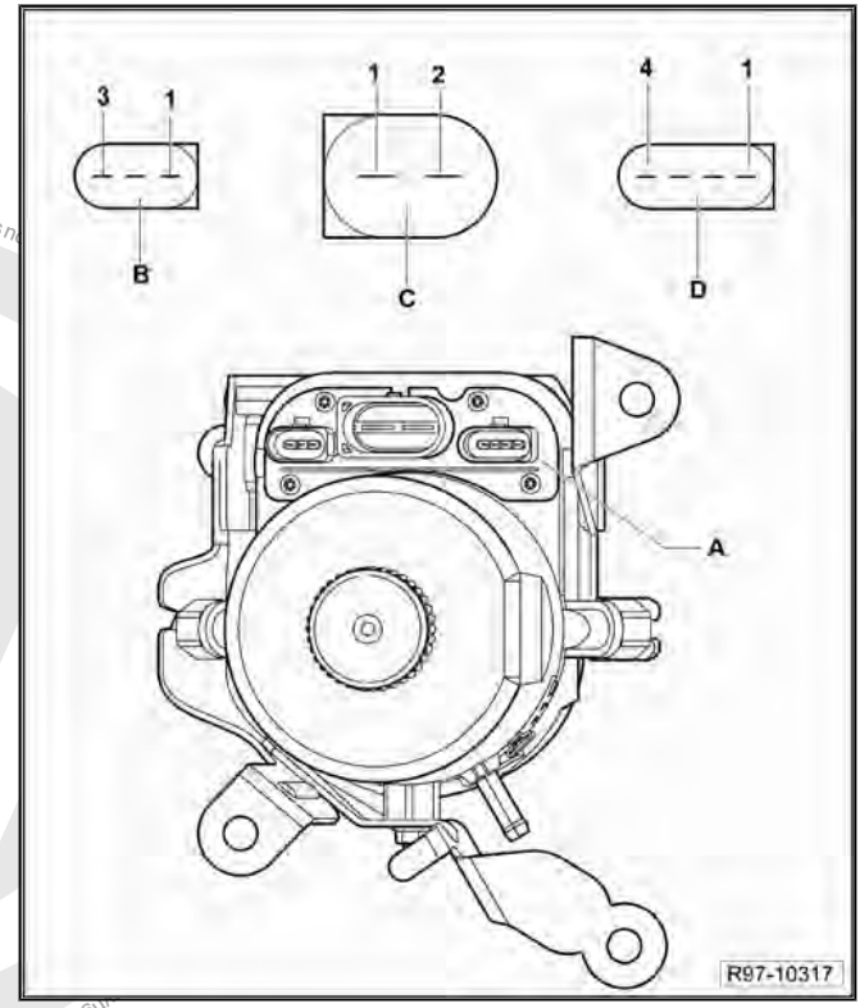
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A - Power steering control unit - J500 -

B - Quadruple fitting connector - T4an -

C - Triple fitting connector - T3ai -

D - Double fitting connector - T2cf -

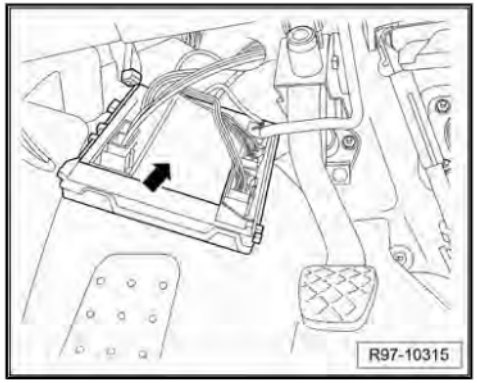


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1.13 Onboard supply control unit - J519 -

1.13.1 Fitting Location:

– To the left, behind the dash panel- Arrow -



1.13.2 Connector description:

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A - Onboard supply control unit - J519 -

B - 16-pole fitting connector - T16b -

C - Sextuple fitting connector - T6 -

D - 18-pole fitting connector - T18b -

E - Sextuple fitting connector - T6 -

F - 18-pole fitting connector - T18a -

G - Sextuple fitting connector - T6s -

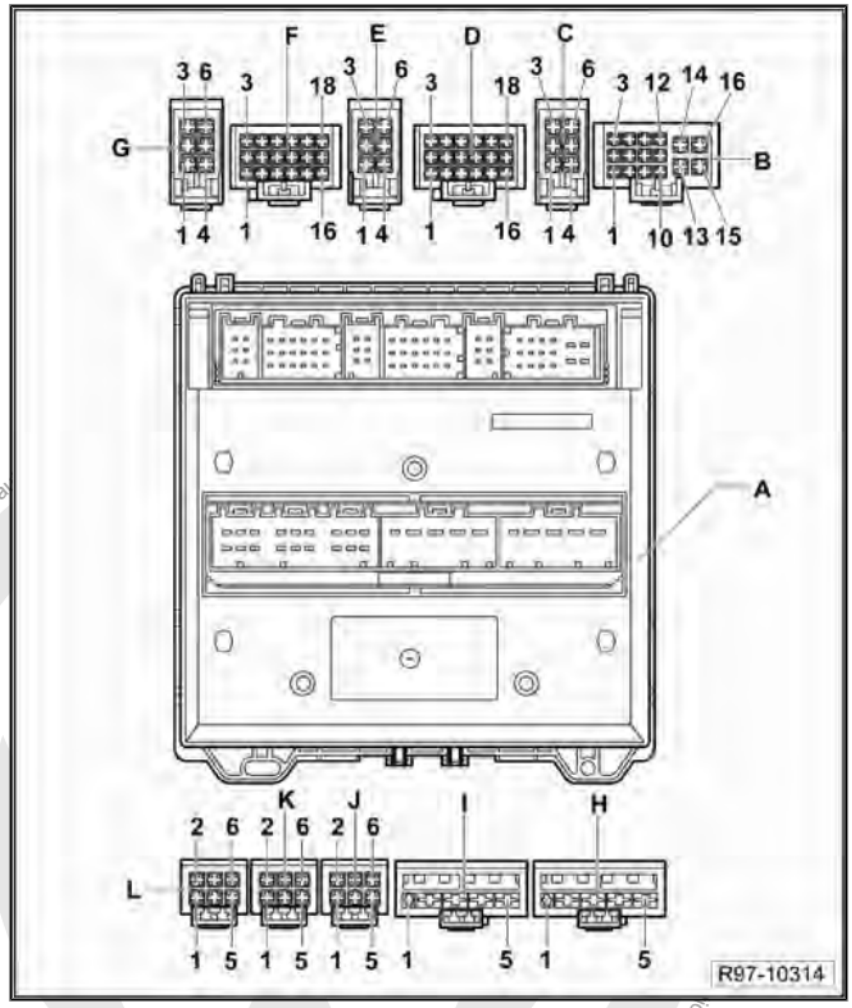
H - Quintuple fitting connector - T5n -

I - Quintuple fitting connector - T5p -

J - Sextuple fitting connector - T6ad -

K - Sextuple fitting connector - T6y -

L - Sextuple fitting connector - T6ae -

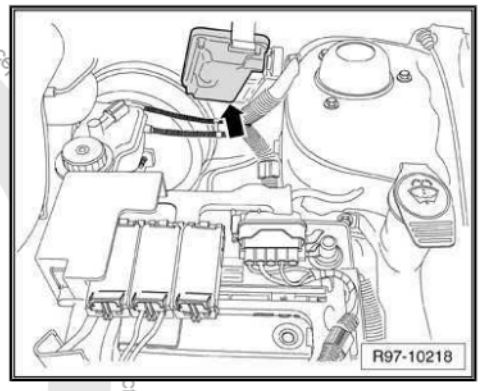


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1.14 Engine control unit (80-pin) - J623 -

1.14.1 Fitting Location:

– To the left of the engine compartment - Arrow -

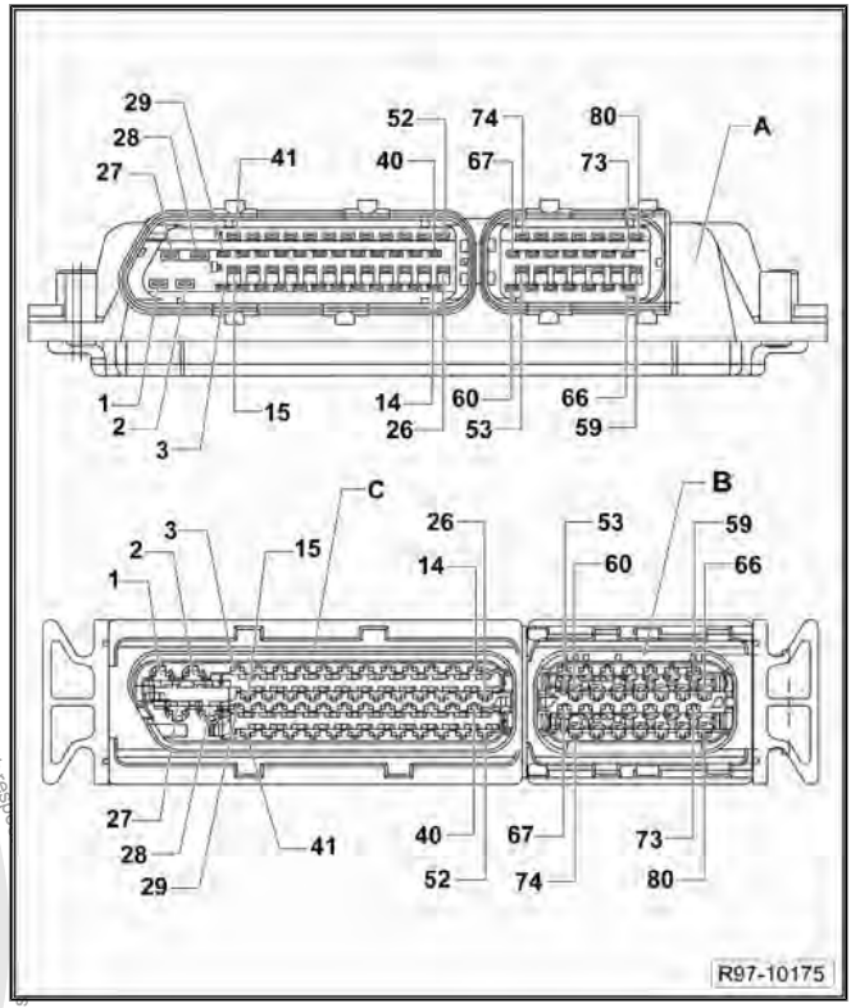


1.14.2 Connector description:

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A - Engine control unit (80-pin) - J623 -

B / C - 80-pole fitting connector - T80a -

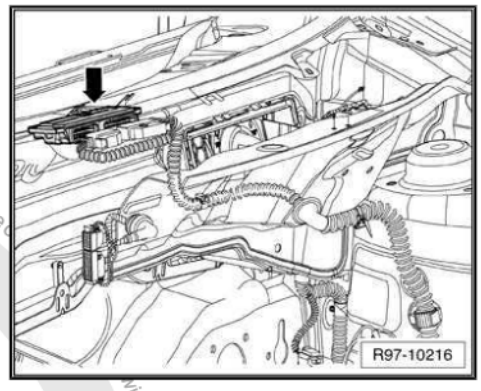


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1.15 Engine control unit (121-pin) - J623 -

1.15.1 Fitting Location:

– To the left of the engine compartment (under the top grill)- Arrow -

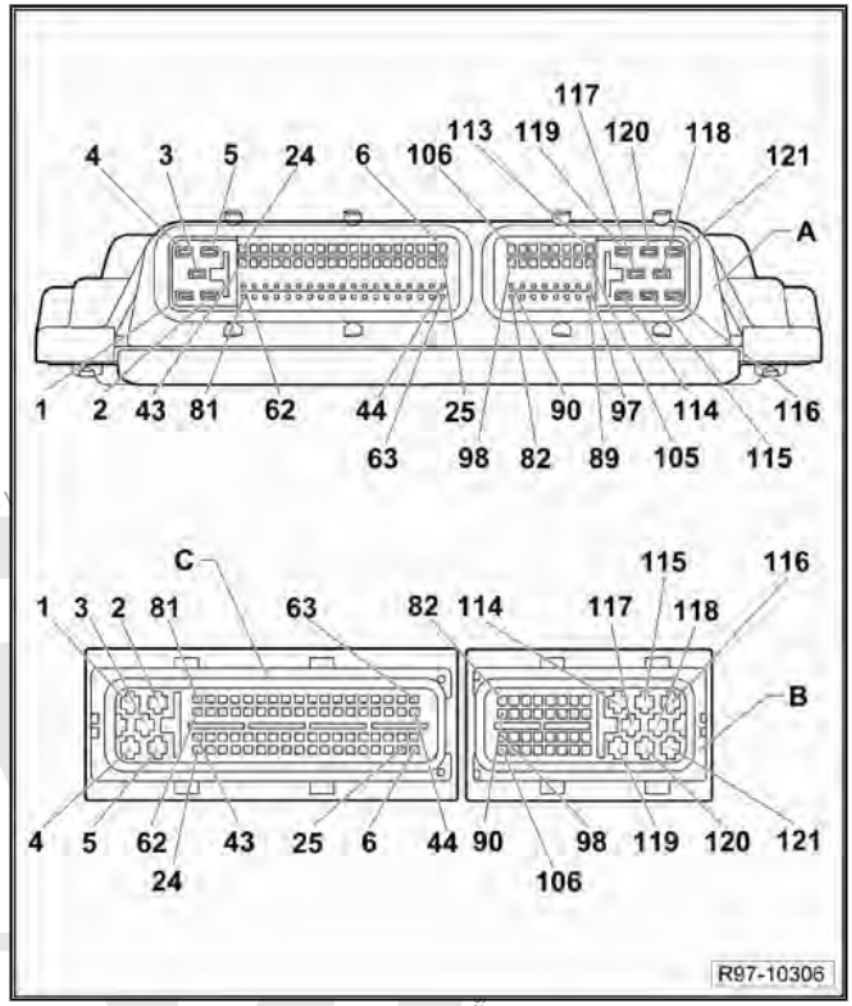


1.15.2 Connector description:

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A - Engine control unit (121-pin) - J623 -

B / C - 121-pole fitting connector - T121a -



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